COMPO 265

3-BAND STEREO SYSTEM
WITH CD PLAYER

TENSAI
INTERNATIONAL

Service Manual

CONTENS

LOCATIONS OF CONTROLS 1

SPECIFICATIONS 2

BLOCK DIAGRAM 6

ADJUSTMENT INSTRUCTION 8

ALIGNMENT LOCATION 12

WIRING DIAGRAM 14

PCB TOP VIEWING 16

TRANSISTOR & IC. VOLTAGE LIST 19

CIRCUIT DIAGRAM 20

ELECTRONIC PARTS LIST 22

CD Main PCB PCB-2F ELECTRONIC PARTS LIST 26

COMPO-265 EXPLODE VIEW DIAGRAM and PARTs LIST 28

TURNTABLE DL-55 EXPLODE VIEW DIAGRAM and PARTs LIST 30

CASSETTE DECK TN-21 EXPLODE VIEW DIAGRAM and PARTs LIST 32

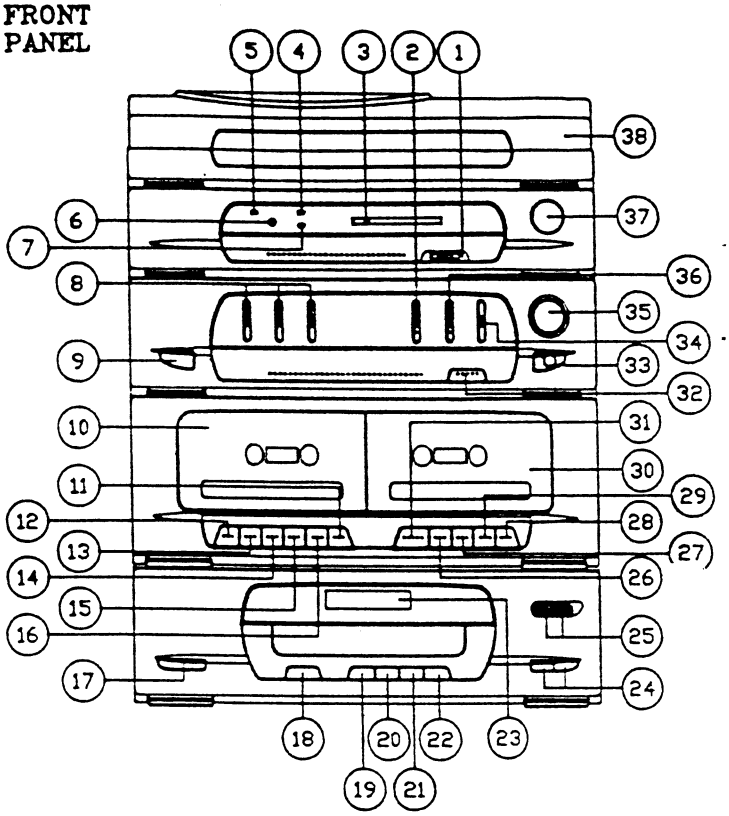
CD MECHANISM KSL-2101ABM EXPLODE VIEW DIAGRAM and PARTs LIST 34

LOCATION OF CONTROLS

FRONT PANEL

1. Band Selector Switch
2. Function Selector Switch
3. Pointer and Dial Scale
4. Power On Indicator
5. Stand By LED Indicator
6. Remote Sensor
7. FM Stereo Indicator
8. Three Element Equalizer
9. Power Switch
10. Cassette Compartment Door A
11. Tape A Pause Button
12. Tape A Record Button
13. Tape A Play Button
14. Tape A Rewind
15. Tape A Fast Forward Button
16. Tape A Stop/Eject Button
17. CD Open/Close
18. CD Play/Pause
19. CD Time Button
20. CD Memory Button
21. CD Repeat Button
22. CD Stop Button
23. CD Display
24. CD Search UP/DOWN
25. CD Skip UP/DOWN
26. Tape B Rewind Button
27. Tape B Fast Forward Button
28. Tape B Pause Button
29. Tape B Stop/Eject Button
30. Cassette Compartment Door B
31. Tape B Play Button
32. Bass Boost Switch
33. Stereo Headphone Sockets
34. Balance Control
35. Volume Control (Turn Right or Left to increase or decrease sound level.)
36. Dubbing /Beat Selector Switch
37. Tuning Thumbwheel
38. Phono Dust Cover

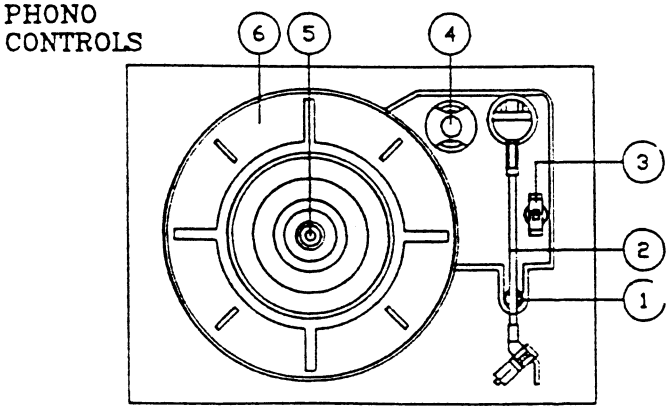
FRONT PANEL



PHONO CONTROLS

1. Pickup Arm Rest
2. Pickup Arm
3. 33/45 Speed Selector Switch
4. 45 RPM Spindle Adapter
5. Spindle
6. Turntable

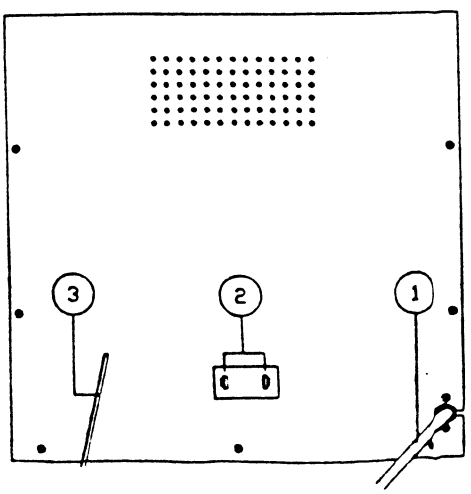
PHONO CONTROLS



REAR PANEL

1. AC Cord
2. Speaker Sockets
3. FM Antenna Wire

REAR PANEL



››› SPECIFICATION ‹‹‹

MW Band

Modulation : AM 30% Mod. 400Hz

		UNIT	NOMINAL	LIMIT
1. Band Coverange		KHz	520-1650	525-1605
2. Max. Sens. at 0.5W O/P	600 KHz	dB/m		
	1000 KHz	dB/m		
	1400 KHz	dB/m		
3. Quieting Sens. at 20 dB S/N	600 KHz	dB/m	58	≤62
	1000 KHz	dB/m	56	≤62
	1400 KHz	dB/m	56	≤62
4. IF Frequency	600 KHz	KHz	455	
5. IF Rejection	600 KHz	dB	46	≥40
6. Image Rejection	1400 khZ	dB	45	≥37
7. S/Hum at 74 dB/m	1000 KHz	dB	38	≥33
8. T.H.D. at 74 dB/m Mod. 30%	1000 KHz	%	1.5	≤3
9. Tweet 2nd at 74 dB/M	910 KHz	%	4	≤10
3rd at 74 dB/M	1365 KHz	%	3	≤6
10. 10% THD Power Output at 74 dB/m Mod 30%	1000 KHz	W	10.2	≥10
11. Selectivity +10KHz	1000 KHz	dB	24	≥22
-10KHz			24	≥22
12. Dial Accuracy	600 KHz	KHz	± 30	± 60
	1000 KHz	KHz	± 30	± 70
	1400 KHz	KHz	± 50	± 80

LW Band

Modulation : AM 30% Mod. 400Hz

		UNIT	NOMINAL	LIMIT
1. Band Coverage		KHz	145-290	150-281
2. Quieting Sens. at 20 dB S/N	160 KHz	dB/m	61	65
	220 KHz	dB/m	61	65
	280 KHz	dB/m	61	65
3. IF Frequency	160 KHz	KHz	455	
4. IF Rejection	160 KHz	dB	43	≥35
5. Image Rejection	280 KHz	dB	30	≥25
6. S/Hum at 74 dB/m	220 KHz	dB	35	≥28
7. T.H.D. at 74 dB/m Mod. 30%	220 KHz	%	1.3	≤3.5
8. 10% THD Power Output at 74 dB/m Mod 30%	220 KHz	W	10.2	≥10
9. Dial Accuracy	160 KHz		± 6	± 9
	220 KHz		± 6	± 9
	280 KHz		± 6	± 9

FM Band

Modulation : FM 22.5KHz Dev. 400Hz

			UNIT	NOMINAL	LIMIT
1. Band Coverage	Min.		MHz	87.35	87.15-87.6
	Max.		MHz	108.25	107.95-108.6
2. Quieting Sens.	90	MHz	dB	19	≤24
at 30 dB S/N	98	MHz	dB	19	≤24
	106	MHz	dB	19	≤24
3. IF Frequency	90	MHz	MHz	10.7	
4. IF Rejection	90	MHz	dB	80	≥60
5. Image Rejection	106	MHz	dB	26	≥22
6. S/Hum at 1 mV	98	MHz	dB	50	≥40
7. T.H.D.	98	MHz	%	1.0	≤3.0
at 1 mV 22.5KHz Dev.					
8. 10% THD Power Output	98	MHz	W	10.2	≥10
at 1 mv 22.5KHz Dev.					
9. Dial Accuracy	88	MHz	KHz	± 700	± 1000
	100	MHz	KHz	± 700	± 1000
	108	MHz	KHz	± 700	± 1000

FM Stereo Band

Modulation : FM 75 KHz Dev. 1 KHz L 45% R 45% Piolt 9%

			UNIT	NOMINAL	LIMIT
1. Stereo Separation	98	MHz	dB	32	≥24
2. Stereo T.H.D.	98	MHz	%	2.5	≤4
3. Stereo S/N	98	MHz	dB	42	≥33

TAPE CASSETTE

Play Back

			UNIT	NOMINAL	LIMIT
1. Tape Speed	MTT-111	3KHz	Hz		2940-3090
2. Wow & Flutter	MTT-111	3KHz	%	0.25	≤0.35
W.RMS JIS					
3. T.H.D	MTT-118	1KHz	%	1.5	≤3.5
4. 10% THD Power Output	MTT-118	1KHz	W	10.2	≥10
5. Frequency Response	MTT-257C	125Hz	dB	± 3	± 6
(1 KHz 0 dB Ref.)		8KHz	dB	± 3	± 6
6. S/Hum Ratio	MTT-118	1KHz	dB	42	≥35
7. Cross Talk (Flat)	MTT-121	1KHz	dB	40	≥33
8. Noise Volume Max	MTT-501		mv	100	≤150
(EQ Center) Min			mv	1.0	≤1.8

Recording

				UNIT	NOMINAL	LIMIT
1. Dubbing Speed	Normal	MTT-111	3KHz	Hz		2940-3090
	High			Hz		4410-4635
2. Recording Bias	System	AC		Hz	85K	80-90
3. Erasing System		AC		Hz	85K	80-90
4. T.H.D. (Aux In 150mv)		MTT-501	1KHz	%	2.0	≤4.0
5. Regular Rec/PB Level (Aux In 150mv)		MTT-501	1KHz	dB	0	± 3
5. Frequency Response (1 KHz 0 dB Ref.)		MTT-501	125Hz	dB	± 3	± 6
			8KHz	dB	± 3	± 6
6. Rec/PB S/Hum (Aux In 150mv)		MTT-501	1KHz	dB	40	≥33
7. Erase Capability(Flat) (Aux In 500mv)		MTT-501	1KHz	dB	45	≥38
8. Rec ALC Character (Aux In 150mv - 1.5V)		MTT-501	1KHz	dB	0±3	0±4
9. T.H.D of ALC (Aux In 150mv - 1.5V)		MTT-501	1KHz	%	2.5	≤6.0

Audio

			UNIT	NOMINAL	LIMIT
1. Graphic Equalizer (Boost / Cut)	Effect	125Hz	dB	± 8	
		1KHz	dB	± 8	
		8KHz	dB	± 7.5	
2. CD AUX Sens. (Volume Max. 10% T. H. D.)	at O/P 2W	1Khz	mV	200	200±3dB

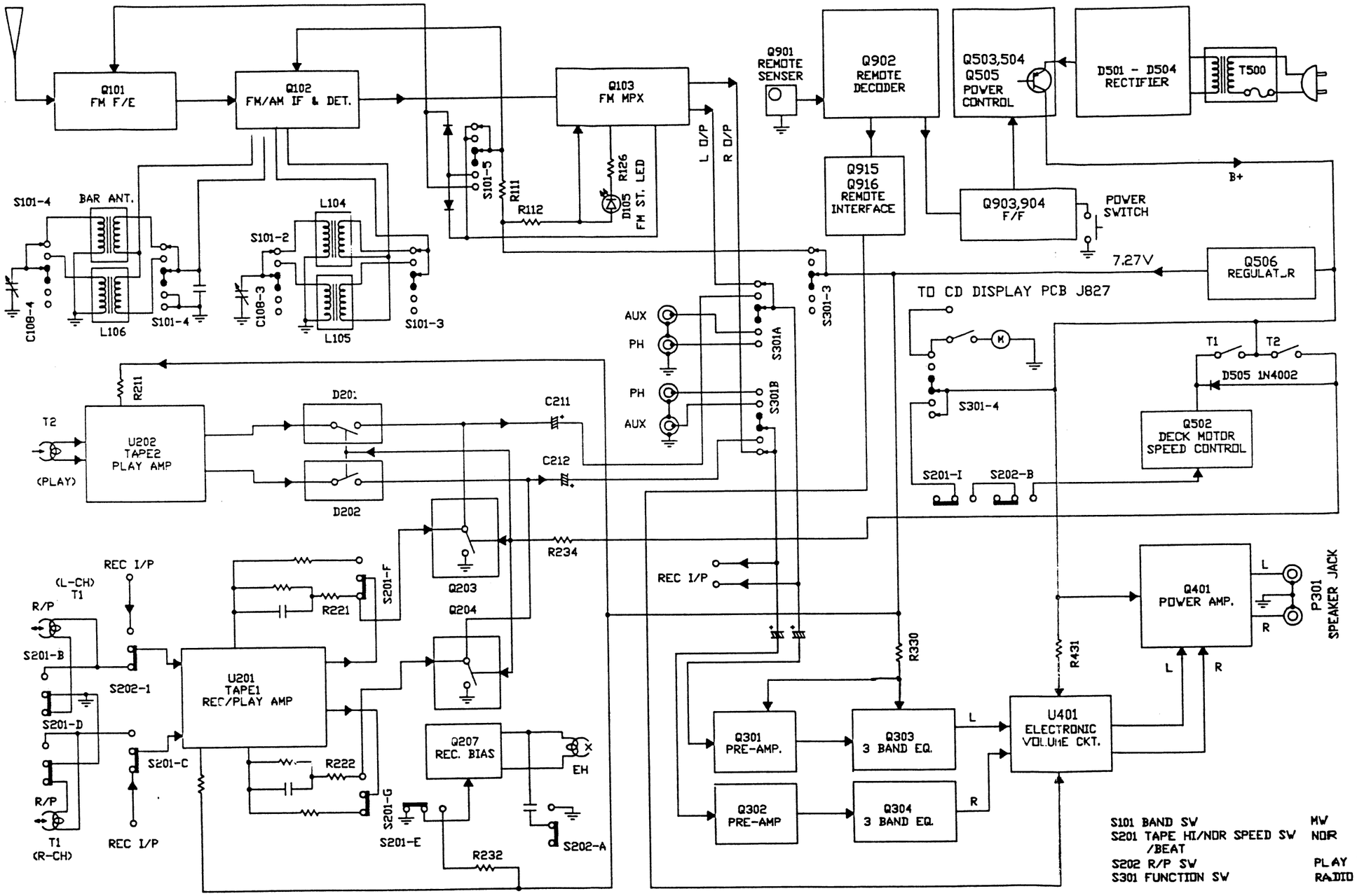
Turntable

1. Speed (3KHz)	3Tx-3002	33	rpm	2940～3090	2940～3090
2. S/N Ratio (1KHz)			dB	42	≥28
3. Channel Separation (1KHz)			dB	17	≥11
4. Record Play-end Answer			No	15±3	15±4

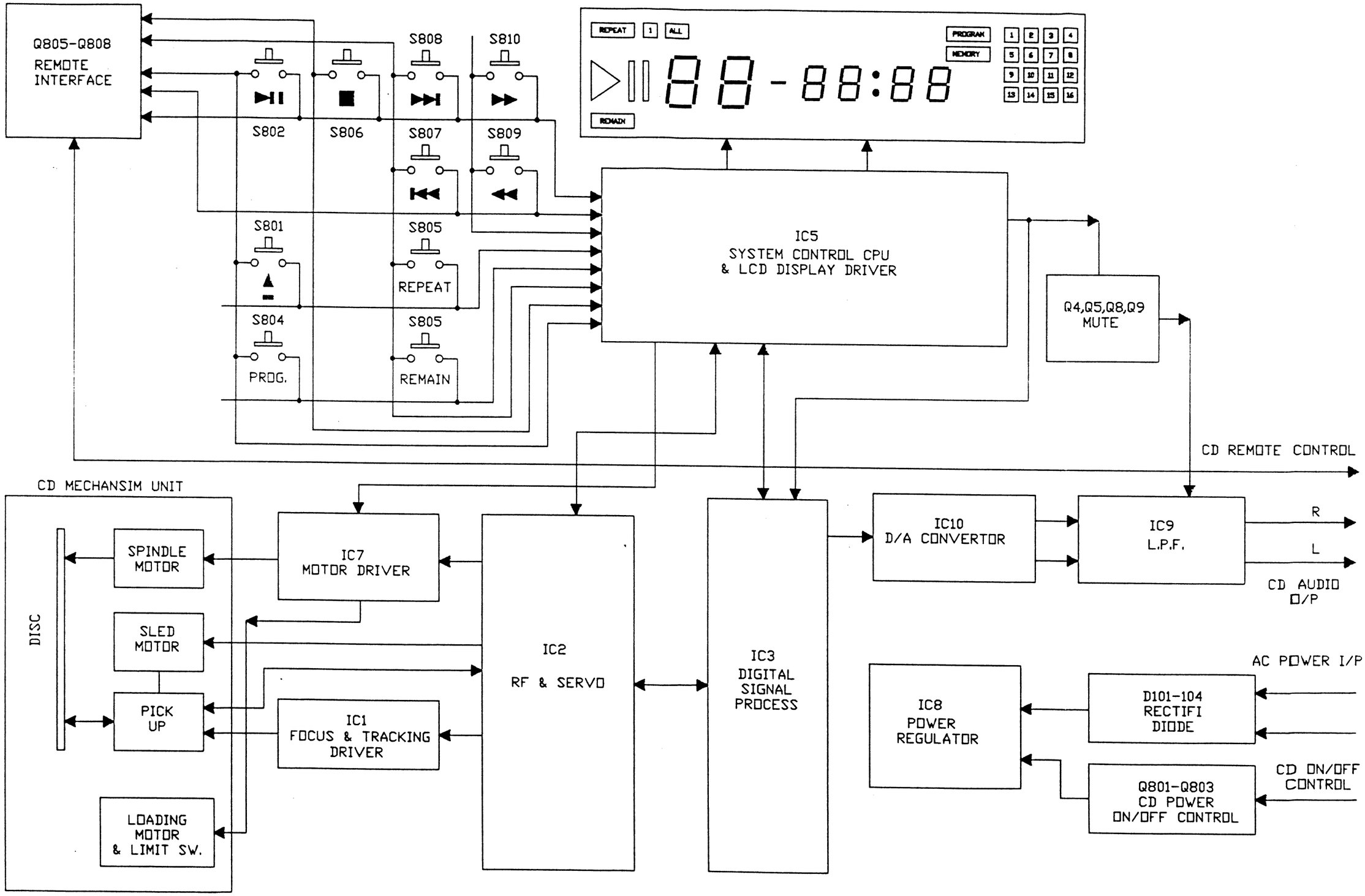
CD Disc

		UNIT	NOMINAL	LIMIT
1.	10% THD Power Output	1KHz W	5.2	5.0
2.	T.H.D	1KHz %	0.7	1.5
3.	Frequency Response	Hz	100 - 18K	125 - 15K
4.	Channel Separation	1KHz dB	45	35
5.	S/N Ratio	1KHz db	60	53

COMPO-265 BLOCK DIAGRAM



CD PLAYER BLOCK DIAGRAM



ALIGNMENT INSTRUCTION

FM SECTION

STEP ALIGNMENT FREQ.	TEST EQUIPMENT	SIGNAL-IN	SIGNAL-OUT	ADJUST	REMARK
1. IF 10.7 MHz	1.FM IF SWEEP GENERATOR. 2.ALIGNMENT OSCILLOSCOPE 3.POWER SUPPLY	INJECT THE IF SWEEP SIGNAL TO Q101 PIN4 ,GND.	TAKE OUT THE SIGNAL FROM Q102 PIN9, GND. POSITION.	ADJUST I101. I103. TO GET. BEST "S" CURVE.	1.BAND SW AT FM. 2.VOL.AT MIN POSITION. 3.TUNE TO LOW END.
2. 87.35 MHz	1.FM S.S.G. 2.ALIGNMENT OSCILLOSCOPE 3.POWER SUPPLY 4.DVM.	INJECT THE RF SIGNAL TO ANT, GND.	SAME AS STEP 1.	ADJUST L103. TO GET. MAX O/P.	TUNE TO LOW END FREQ.
3. 108.25 MHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST C108 TC1 TO GET MAX O/P.	TUNE TO HIGH END FREQ.
4.REPEAT STEP 2,3 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					
5. 90 MHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST L102. TO GET. MAX O/P.	TUNE TO LOW FREQUENCY 90 MHz.
6. 106 MHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST C108 TC2 TO GET. MAX O/P.	TUNE TO HIGH FREQUENCY 106 MHz.
7.REPEAT STEP 5,6 AND THEN STEP 5,6 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					
8. 98 MHz	1.OSCILLOSCOPE 2.COUNTER.	Null	TAKE OUTER THE SIGNAL FROM Q103 PIN 6.	ADJUST R114 TO GET 38KH +/- 0.1 KHz AT Q103 PIN 6.	1.BAND SW. AT FM STEREO. 2.TUNE TO 98 MHz.
9. 98 MHz	1.FM RF STEREO GENERATOR. 2.OSCILLOSCOPE 3.POWER SUPPLY	SAME AS STEP 2.	L,R SPEAKER OUTPUT.	CHECK L,R AT SPK. OUTPUT.	1.BAND SW. AT FM STEREO. 2.ADJUST VOLUME TO REFERANCE OUTPUT.

LW SECTION

STEP ALIGNMENT FREQ.	TEST EQUIPMENT	SIGNAL-IN	SIGNAL-OUT	ADJUST	REMARK
1. IF 455KHz	1.AM IF SWEEP GENERATOR. 2.ALIGNMENT OSCILLOSCOPE 3.POWER SUPPLY	LET THE LW ANT COIL CLOSE TO LOOP ANT.	TAKE OUT THE SIGNAL FROM Q102 PIN9, GND. POSITION.	ADJUST I102 AND I104 TO GET. MAX. OUTPUT.	1.BAND SW AT LW. 2.VOL.AT MIN POSITION. 3.TUNE TO LOW END.
2. 145 KHz	1.LW S.S.G. 2.ALIGNMENT OSCILLOSCOPE 3.POWER SUPPLY 4.DVM.	LET THE LW ANT COIL BETWEEN LOOP ANT 60CM.	SAME AS STEP 1.	ADJUST L104. TO GET. MAX O/P.	TUNE TO LOW END FREQ.
3. 290 KHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST C127 TO GET MAX O/P.	TUNE TO HIGH END FREQ.
4.REPEAT STEP 2,3 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					
5. 160 KHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST L106. TO GET. MAX O/P.	TUNE TO LOW FREQUENCY 160 KHz.
6. 280 KHz	SAME AS STEP 2.	SAME AS STEP 2.	SAME AS STEP 1.	ADJUST C128 TO GET. MAX O/P.	TUNE TO HIGH FREQUENCY 280 KHz.
7.REPEAT STEP 5,6 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					

MW SECTION

STEP ALIGNMENT FREQ.	TEST EQUIPMENT	SIGNAL-IN	SIGNAL-OUT	ADJUST	REMARK
1. 520 KHz	1.MW S.S.G. 2.ALIGNMENT OSCILLOSCOPE 3.POWER SUPPLY 4.DVM.	LET THE LW ANT COIL BETWEEN LOOP ANT 60CM.	TAKE OUT THE SIGNAL FROM Q102 PIN9, GND. POSITION.	ADJUST L105. TO GET. MAX O/P.	TUNE TO LOW END FREQ.
2. 1650KHz	SAME AS STEP 1.	SAME AS STEP 1.	SAME AS STEP 1.	ADJUST C108 TC3 TO GET MAX O/P.	TUNE TO HIGH END FREQ.
3.REPEAT STEP 1,2 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					
4. 600 KHz	SAME AS STEP 1.	SAME AS STEP 1.	SAME AS STEP 1.	ADJUST L106. TO GET. MAX O/P.	TUNE TO LOW FREQUENCY 600 KHz.
5. 1400KHz	SAME AS STEP 1.	SAME AS STEP 1.	SAME AS STEP 1.	ADJUST C108 TC4 TO GET. MAX O/P.	TUNE TO HIGH FREQUENCY 1400KHz.
6.REPEAT STEP 4,5 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					

TAPE SECTION

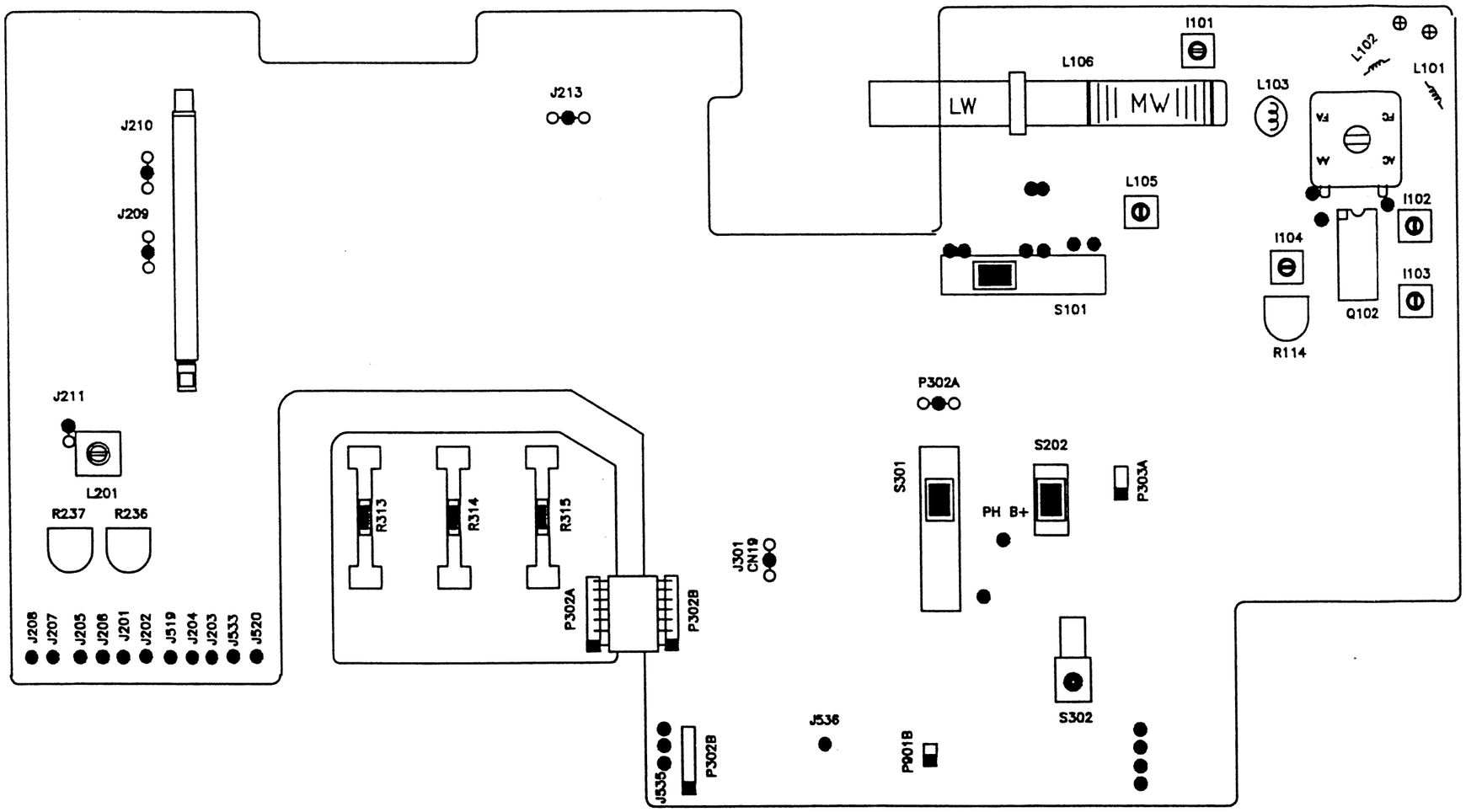
STEP ALIGNMENT FREQ.	TEST EQUIPMENT	SIGNAL-IN	SIGNAL-OUT	ADJUST	REMARK
1.	1.COUNTER. 2.OSCILLOSCOPE 3.POWER SUPPLY	TAPE2 TEST TAPE MTT-111N (3KHz)	SPEAKER OUTPUT.	ADJUST R236 TO HAVE 2940 - 3090Hz.	1.FUNCTION SW AT TAPE 2.ADJUST VOLUME TO REFERENCE OUPTUT.
2.	SAME AS STEP 1.	1.SAME AS STEP 1. 2.TAPE1 AT REC POSITION.	SAME AS STEP 1.	ADJUST R237 TO HAVE 4410 - 4635KHz.	1.SAME AS STEP 1. 2.DUBBING SW AT "HIGH" POSITION.
3.	SAME AS STEP 1.	TAPE1 AND TAPE2 TEST TAPE MTT-113C. (8KHz)	SAME AS STEP 1.	ADJUST TAPE HEAD SCREW TO GET MAX. OUTPUT.	1.SAME AS STEP 1.
4.REPEAT STEP 1,2,3 FOR TAPE 1 & 2 UNTIL NO FURTHER IMPROVEMENT CAN BE MADE.					

CD PLAYER SECTION

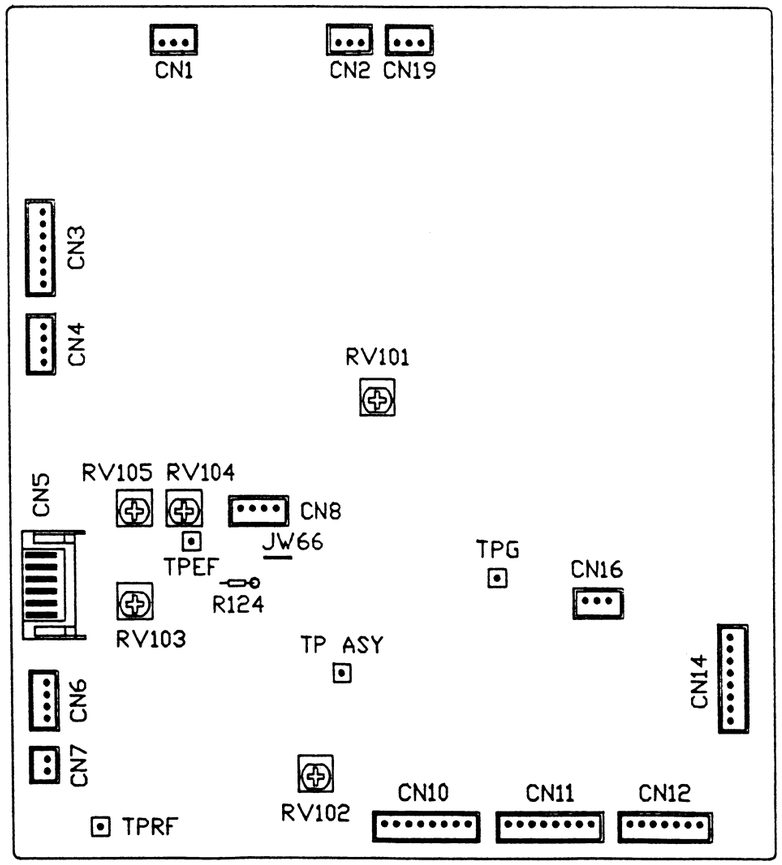
STEP ALIGNMENT FREQ.	TEST EQUIPMENT	SIGNAL-IN	SIGNAL-OUT	ADJUST	REMARK
1. FOCUS BIAS (EYE PATTERN)	1.Oscilloscope. volts/div = 0.2V time/div = 1 mS Set scope to dc position.	Insert test CD TEST DISC YEDS-18 and press PLAY button.	Take out the signal from CD main PCB "TPRF" to scope "+" "TPG" to scope "G".	Adjust RV102 to get 1.2 Vp-p +/- 0.2 Vp-p.	1.Function sw. select to CD position. 2.CD in play mode.
2. EF BALANCE (PLAY)	1.Oscilloscope. volts/div = 1 V time/div = 1 mS Set scope to dc position.	Insert test CD TEST DISC YEDS-18 and press PLAY button.	Take out the signal from CD main PCB "TPEF" to scope "+" "TPG" to scope "G".	Adjust RV103 to make A=B as illu-strated.	1.Function sw. select to CD position. 2.CD in play mode.
3. FOCUS GAIN	1.Oscilloscope. volts/div =100mV time/div = 2 mS Set scope to dc position.	Insert test CD TEST DISC YEDS-18 and press PLAY button.	Take out the signal from CD main PCB "JW66" to scope "+" "TPG" to scope "G".	Adjust RV105 to wavefrom center is 100mV DC level	1.Function sw. select to CD position.

4. TRACKING GAIN	1.Oscilloscope. volts/div = 1 V time/div =0.5mS Set scope to dc position.	Insert test CD TEST DISC YEDS-18 and press PLAY button.	Take out the signal from CD main PCB "R124" to scope "+" "TPG" to scope "G".	Adjust RV104 to noise signal at minmum.	1.Function sw. select to CD position.
5. RF PLL VCO	1.Frequency Counter.	Shortcir-cuit "TPASY" and "TPG" and press STOP button.	Take out the signal from CD main PCB "TP PLCK".	Adjust RV101 to obtain counter reading of F= 4.2418 MHz +/- 10KHz.	1.Function sw. select to CD position.

MAIN PCB ALIGNMENT LOCATION

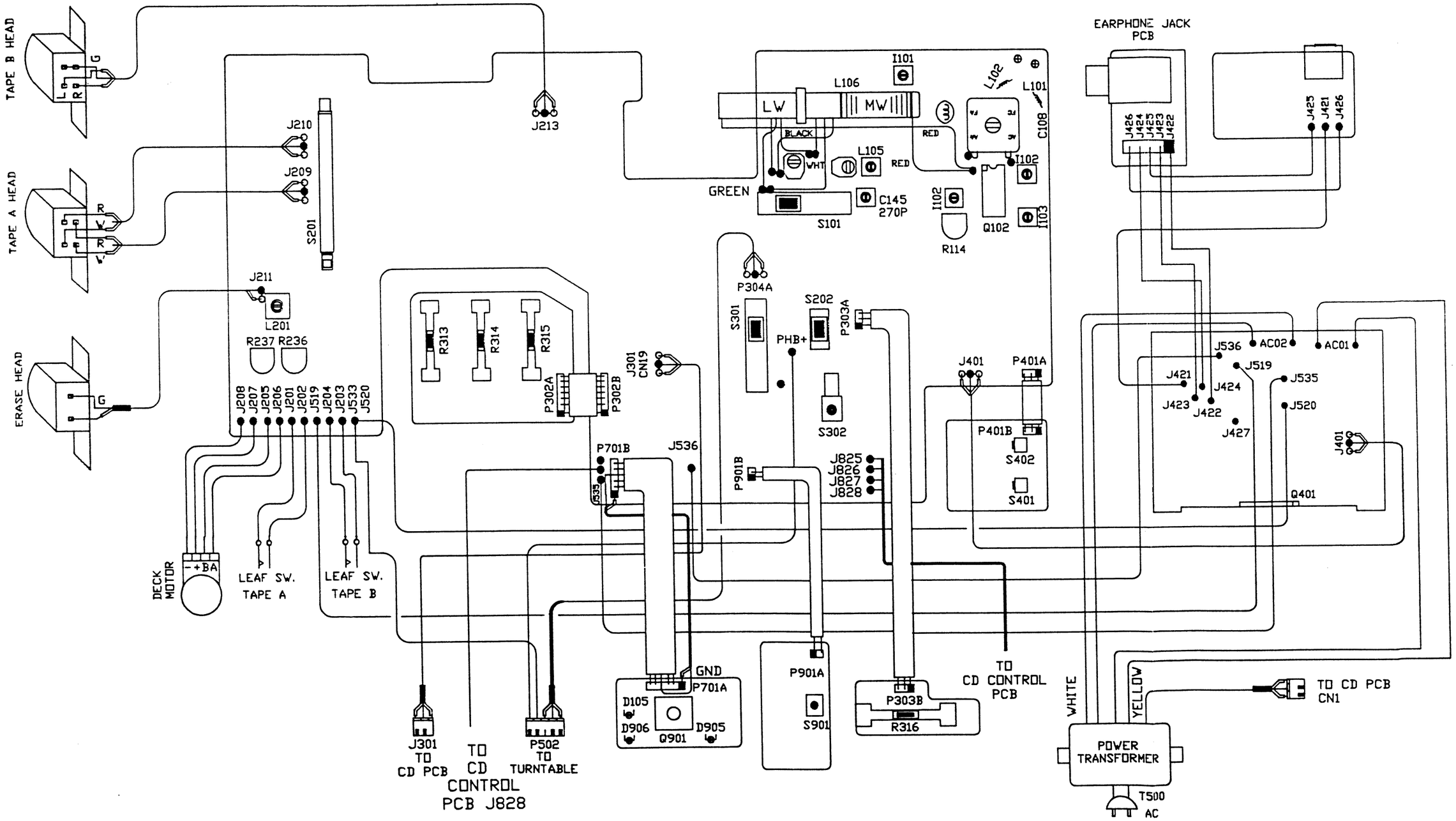


CD PLAYER MAIN PCB
ALIGEMENT LOCATION DIAGRAM

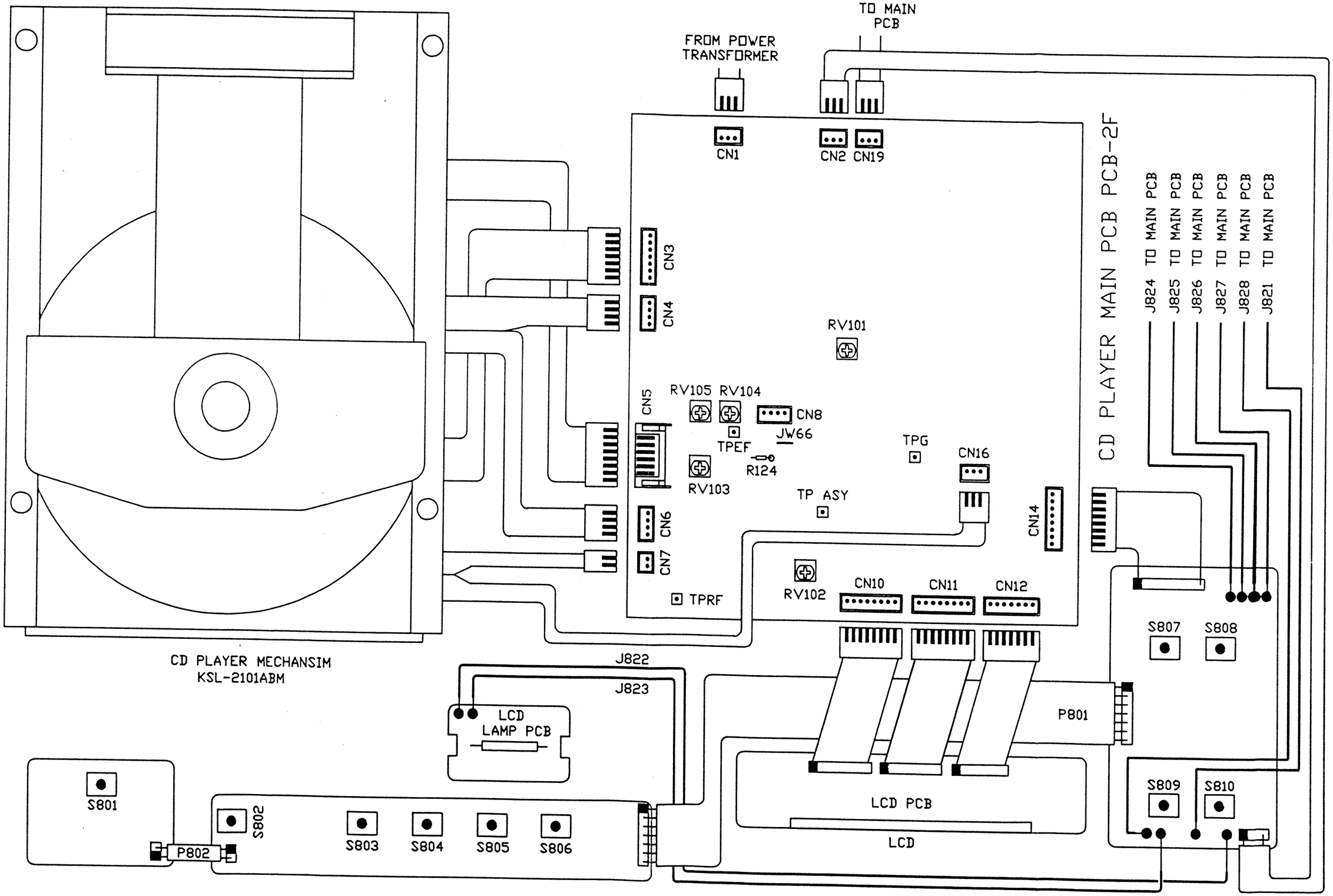


CD PLAYER MAIN PCB PCB-2F

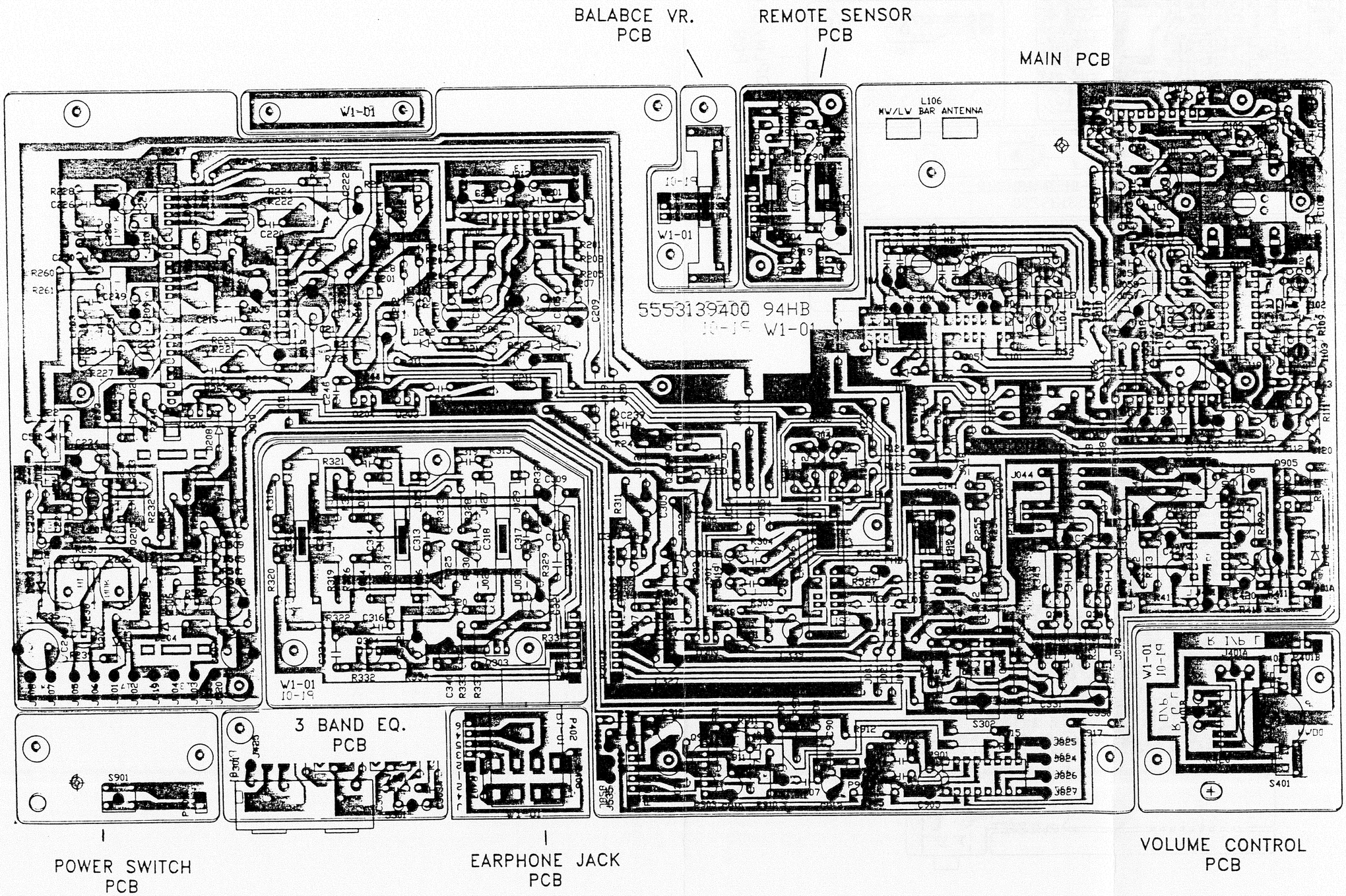
COMPO-265 WIRE DIAGRAM



CD PLAYER WIRING DIAGRAM



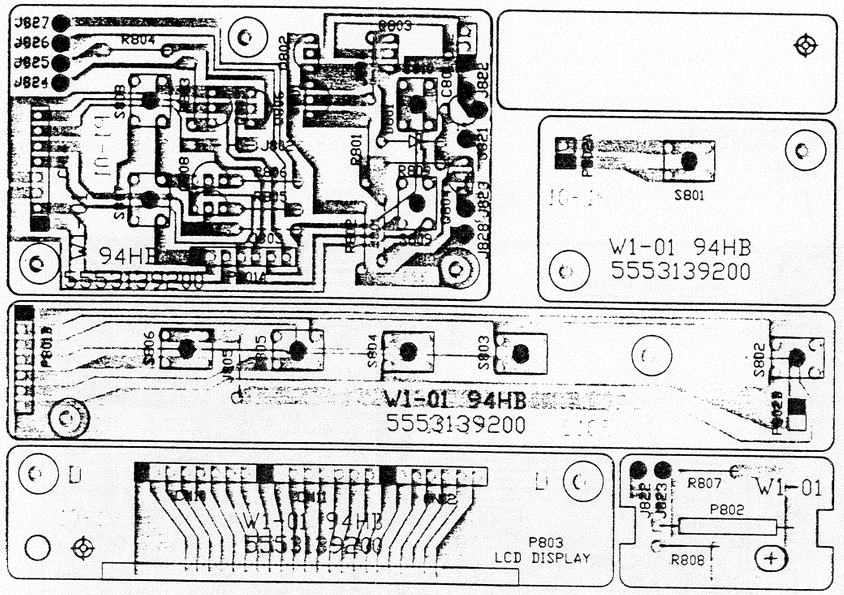
PCB VIEW (Top)


BALABCE VR.
PCB
REMOTE SENSOR
PCB
MAIN PCB
L106
MW/LW BAR ANTENNA
W1-01
5553139400 94HB
W1-01
3 BAND EQ.
PCB
S901
S401
POWER SWITCH
PCB
EARPHONE JACK
PCB
VOLUME CONTROL
PCB

CD SKIP CONTROL PCB

CD PLAY CONTROL PCB

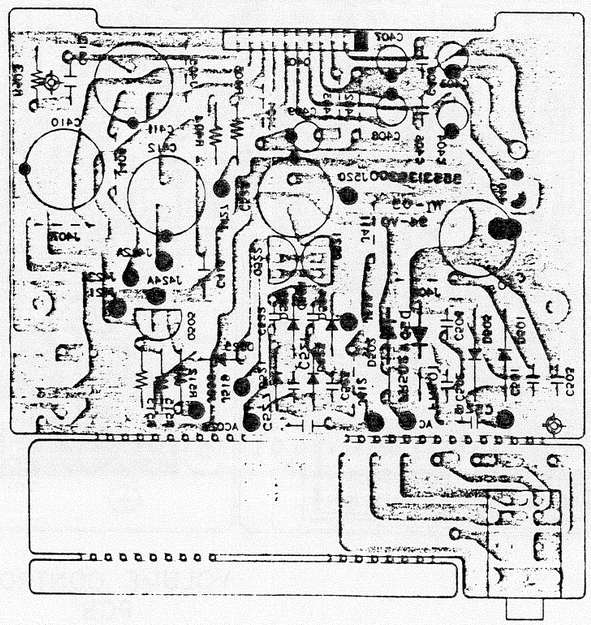
CD OPEN/CLOSE PCB



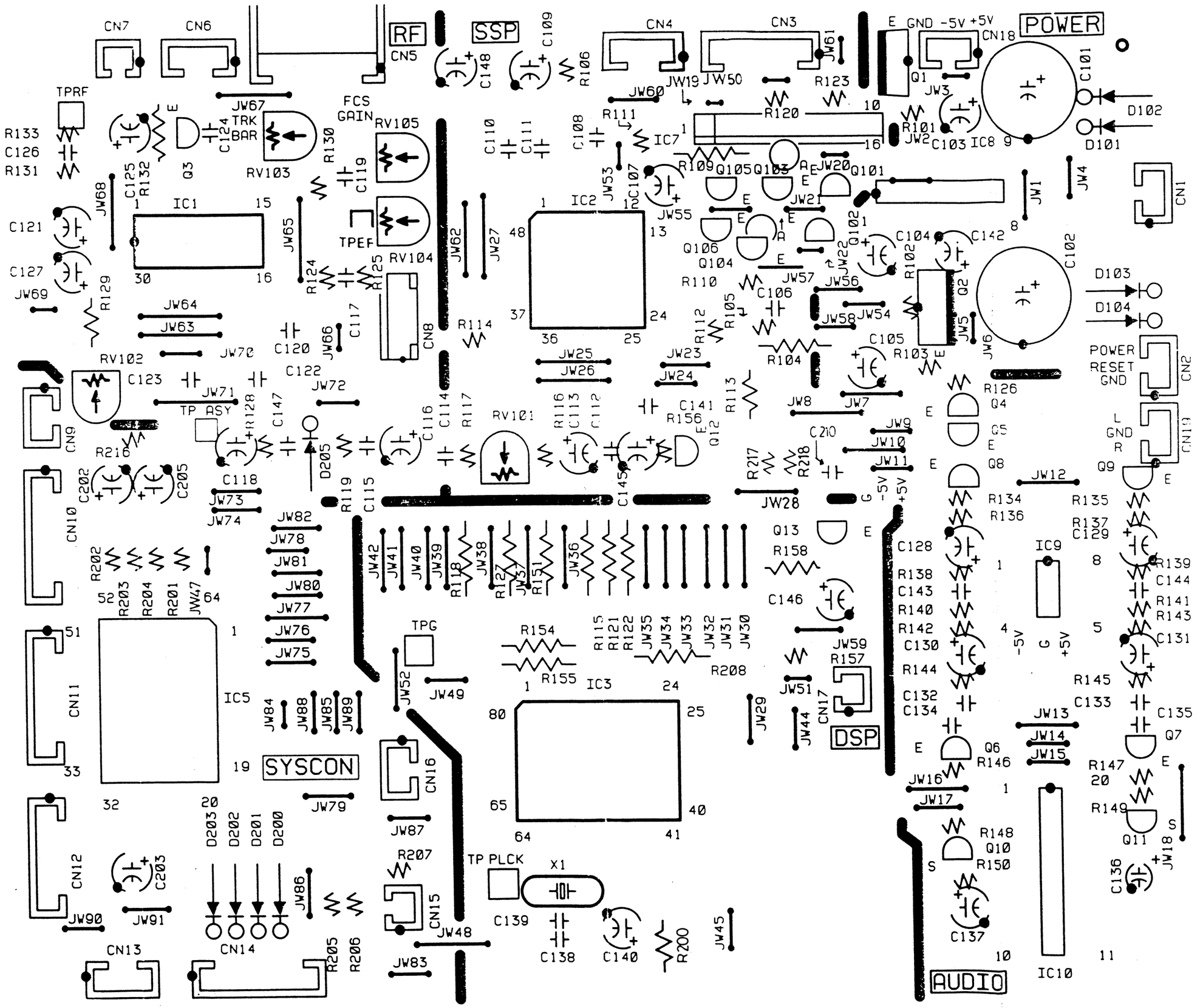
CD DISPLAY PCB

CD LAMP PCB

AMP. PCB



CD MAIN PCB PCB-2F VIEW (Top)



COMPO-265 TRANSISTOR & IC VOLTAGE LIST

1. CONDITION: CONTROLED POWER TO ON AND VOLUME AT MINIMUM POSITION.
2. " * " : ONLY FOR COMPO-265
3. TESTED BY DIGITAL MULTI-METER.

IC :

UNIT: VOLT

	Q101		Q102						
PIN.	AM	FM	AM	FM	Q103	U201	U202	U901	Q401
1.	0	0.96	1.47	0	3.39	1.84	1.39	0	1.1
2.	0	1.67	1.47	0	6.95	0	0.8	0	0.7
3.	0	6.53	2.2	1.71	8.4	1.87	1.92	0	16.2
4.	0	1.63	2.2	2.3	6.62	0	7.3	0	0
5.	0	0	0.76	0.98	0	0	0	0	0.7
6.	0	6.67	0.75	0.94	4.53	7.67	1.49	0	1.1
7.	0	5.85	0	0	8.64	1.88	0.8	0	16.2
8.	0	6.56	3.4	0	4	0	1.38	0	0
9.	0	6.67	8.88	8.74	4	1.86		0	0
10.			1.35	1.41				0	33.9
11.			1.35	1.41				0	16.2
12.			1.35	1.41				0	0
13.			1.38	1.41				0	
14.			8.88	8.73				4.48	
15.			8.89	8.73				2.24	
16.			1.33	1.46				4.5	

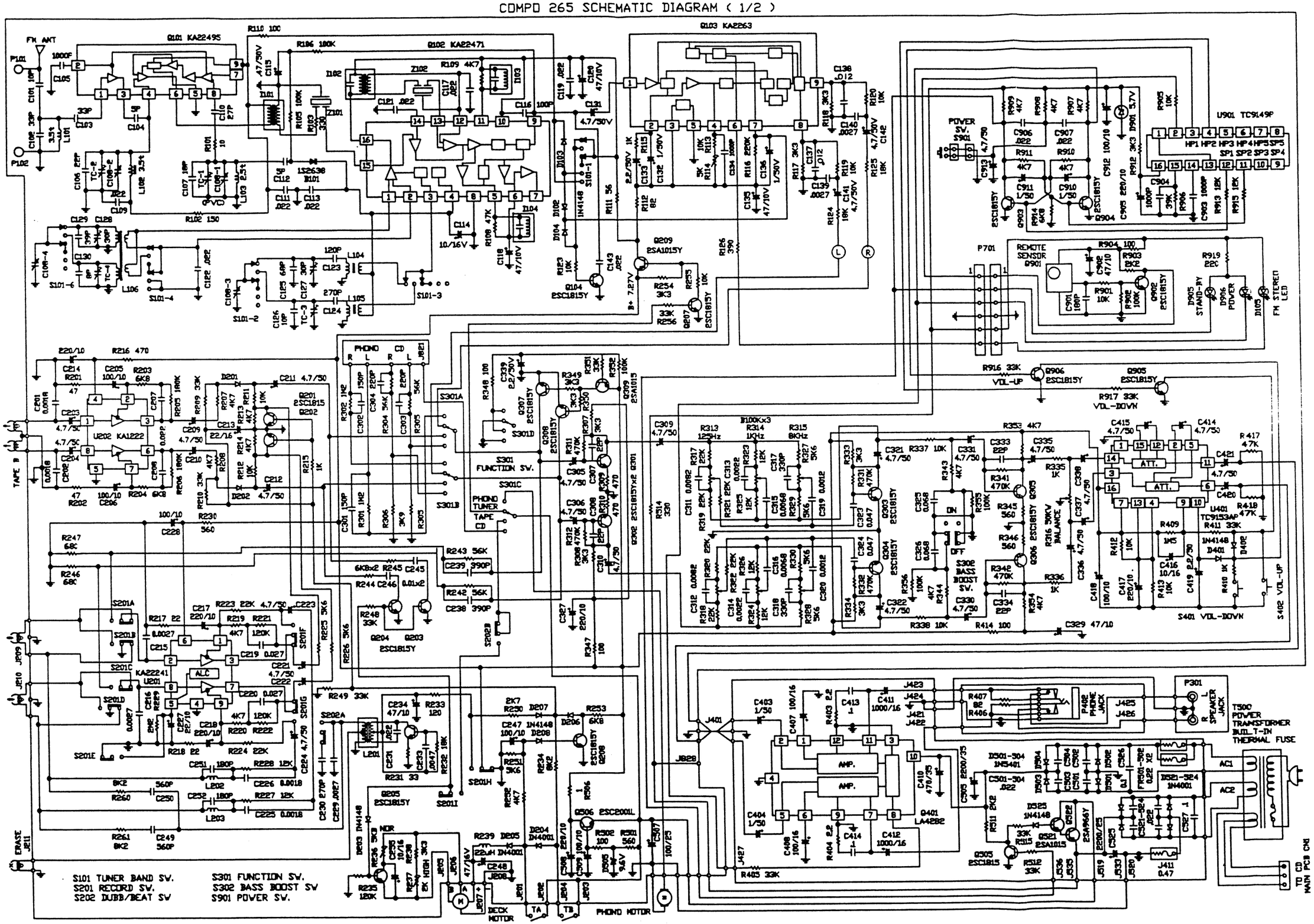
TRANSISTOR :

UNIT: VOLT

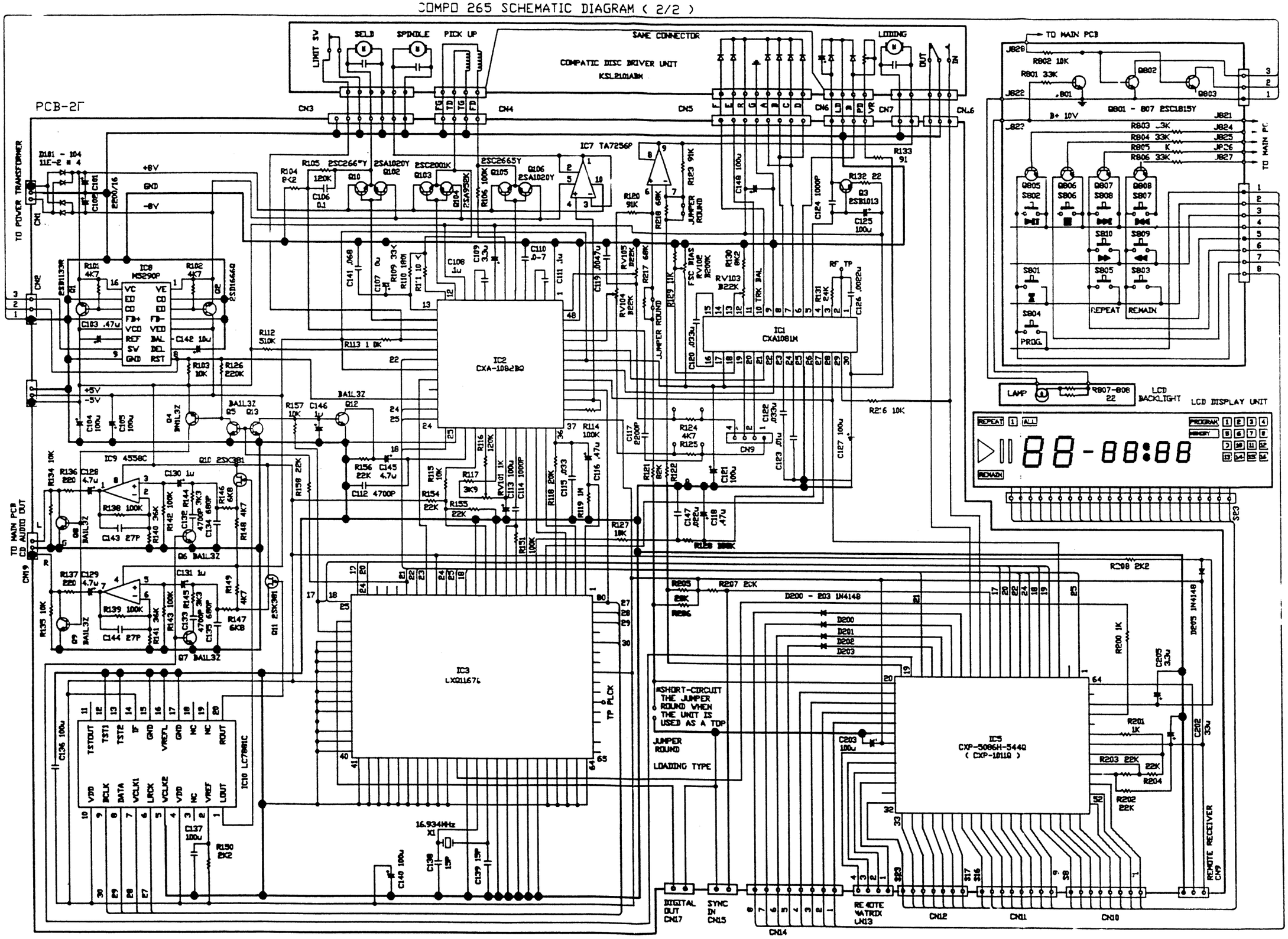
PIN.	E	C	B
Q104	0	0.6	0.7
Q201	2	0	0.69
Q202	2	0	0.69
Q203	0	0	0
Q204	0	0	0
Q206	10.14	10.4	9.8
Q207	0	0.3	13.4
Q208	0	2.17	0.3
Q301	0.813	4.7	1.24
Q302	0.952	4.7	1.2

PIN.	E	C	B
Q303	0	4.3	0.65
Q304	0	4.27	0.66
Q305	0.74	3.62	1.38
Q306	0.74	3.59	1.38
Q309	9.43	0	9.3
Q902	0	0	0.68
Q903	0	3	0
Q904	0	0.13	0.74
Q905	0	6.57	0
Q906	0	6.81	0

COMPO 265 SCHEMATIC DIAGRAM (1/2)



COMPO 265 SCHEMATIC DIAGRAM (2/2)



ELECTRONIC PARTs LIST

PART_NO	SPECIFIC	DESCRIPTION	LOCATION
	RESISTOR		
5133822803	RESISTOR,FUSIBLE	RSF 14A 1/2W 0.22 J	FR501-FR502
5133847800	RESISTOR,FUSIBLE	RSF 14A1/4W 0.47 J	J411
5142110990	RESISTOR,CARBON FILM	RD S B 1/6W 1.00 J B	R3
5142122190	RESISTOR,CARBON FILM	RD S B 1/6W 220.00 J B	R2
5142147290	RESISTOR,CARBON FILM	RD S B 1/6W 4.70KJ B	R1
5142433190	RESISTOR,CARBON FILM	RD S B 1/2W 330.00 J B	R514
5142801090	RESISTOR,CARBON FILM	RD S B 1/4W 1.00 J B	R506
5142810090	RESISTOR,CARBON FILM	RD S B 1/4W 10.00 J B	R101
5142810190	RESISTOR,CARBON FILM	RD S B 1/4W 100.00 J B	R347-R348,R414,R502,R904
5142810290	RESISTOR,CARBON FILM	RD S B 1/4W 1.00KJ B	R115,R215,R335-R336,R410, R412-R413,R809
5142810390	RESISTOR,CARBON FILM	RD S B 1/4W 10.00KJ B	R113,R119-R120,R123,R211-R212,R255,R337-R338,R352, R802,R901,R905
5142810490	RESISTOR,CARBON FILM	RD S B 1/4W 100.00KJ B	R105-R106,R355-R356,R902
5142812190	RESISTOR,CARBON FILM	RD S B 1/4W 120.00 J B	R233
5142812390	RESISTOR,CARBON FILM	RD S B 1/4W 12.00KJ B	R227-R228,R323-R326,R913, R915
5142812490	RESISTOR,CARBON FILM	RD S B 1/4W 120.00KJ B	R221-R222,R235
5142812590	RESISTOR,CARBON FILM	RD S B 1/4W 1.20MJ B	R301-R302
5142815190	RESISTOR,CARBON FILM	RD S B 1/4W 150.00 J B	R102
5142815590	RESISTOR,CARBON FILM	RD S B 1/4W 1.50MJ B	R409
5142818390	RESISTOR,CARBON FILM	RD S B 1/4W 18.00KJ B	R124-R125,R232
5142818490	RESISTOR,CARBON FILM	RD S B 1/4W 180.00KJ B	R205-R206
5142822090	RESISTOR,CARBON FILM	RD S B 1/4W 22.00 J B	R217-R218,R807-R808
5142822190	RESISTOR,CARBON FILM	RD S B 1/4W 220.00 J B	R919
5142822290	RESISTOR,CARBON FILM	RD S B 1/4W 2.20KJ B	R903
5142822390	RESISTOR,CARBON FILM	RD S B 1/4W 22.00KJ B	R223-R224,R317-R322
5142822490	RESISTOR,CARBON FILM	RD S B 1/4W 220.00KJ B	R116
5142822590	RESISTOR,CARBON FILM	RD S B 1/4W 2.20MJ B	R229
5142822990	RESISTOR,CARBON FILM	RD S B 1/4W 2.20 J B	R403-R404
5142827290	RESISTOR,CARBON FILM	RD S B 1/4W 2.70KJ B	R250
5142833090	RESISTOR,CARBON FILM	RD S B 1/4W 33.00 J B	R231
5142833190	RESISTOR,CARBON FILM	RD S B 1/4W 330.00 J B	R103,R110
5142833290	RESISTOR,CARBON FILM	RD S B 1/4W 3.30KJ B	R117-R118,R238,R254,R307-R308,R333-R334,R349-R350, R912
5142833390	RESISTOR,CARBON FILM	RD S B 1/4W 33.00KJ B	R209-R210,R248-R249,R256, R351,R405,R411,R512-R513, R515,R801,R803-R806,R916-R917
5142839190	RESISTOR,CARBON FILM	RD S B 1/4W 390.00 J B	R126
5142839290	RESISTOR,CARBON FILM	RD S B 1/4W 3.90KJ B	R305-R306
5142839390	RESISTOR,CARBON FILM	RD S B 1/4W 39.00KJ B	R906
5142847090	RESISTOR,CARBON FILM	RD S B 1/4W 47.00 J B	R201-R202
5142847190	RESISTOR,CARBON FILM	RD S B 1/4W 470.00 J B	R216,R309-R310
5142847290	RESISTOR,CARBON FILM	RD S B 1/4W 4.70KJ B	R109,R207-R208,R213-R214, R219-R220,R252,R343-R344, R353-R354,R907-R911

5142847390	RESISTOR,CARBON FILM	RD S B 1/4W 47.00KJ B	R417-R418
5142847490	RESISTOR,CARBON FILM	RD S B 1/4W 470.00KJ B	R311-R312,R331-R332,R341-R342
5142856090	RESISTOR,CARBON FILM	RD S B 1/4W 56.00 J B	R111
5142856190	RESISTOR,CARBON FILM	RD S B 1/4W 560.00 J B	R230,R345-R346,R501
5142856290	RESISTOR,CARBON FILM	RD S B 1/4W 5.60KJ B	R225-R226,R251,R327-R330
5142856390	RESISTOR,CARBON FILM	RD S B 1/4W 56.00KJ B	R242-R243,R303-R304
5142868190	RESISTOR,CARBON FILM	RD S B 1/4W 680.00 J B	R246-R247
5142868290	RESISTOR,CARBON FILM	RD S B 1/4W 6.80KJ B	R203-R204,R244-R245,R253,R914
5142882090	RESISTOR,CARBON FILM	RD S B 1/4W 82.00 J B	R112,R406-R407
5142882290	RESISTOR,CARBON FILM	RD S B 1/4W 8.20KJ B	R234,R260-R261
5145847390	RESISTOR,CARBON FILM	RD U B 1/4W 47.00KJ T	R108
5162401229	RESISTOR,VR08FB202NC0	RH0811A20250 (2.0K OHM)	R237
5162401729	RESISTOR,VR08FB502NC0	RH0811A50250 (5.0K OHM)	R114,R236
5169030230	Slide Resistor	SLP-207S21C B100KX1 L=8.	R316
5169040120	Slide Resistor	SLP-207G21C B100KX2 L=8.	R313-R315

CAPACITOR

5213210191	CAPACITOR,ELECTROLYTIC	CE04W 10V 100.00UFM T	C1,C205-C206,C228,C247,C339,C418,C509,C801,C902,C912
5213222091	CAPACITOR,ELECTROLYTIC	CE04W 10V 22.00UFM T	C227
5213222191	CAPACITOR,ELECTROLYTIC	CE04W 10V 220.00UFM T	C214,C217-C218,C327,C417,C508,C905
5213247091	CAPACITOR,ELECTROLYTIC	CE04W 10V 47.00UFM T	C234,C329
5213310191	CAPACITOR,ELECTROLYTIC	CE04W 16V 100.00UFM T	C407-C408
5213310212	CAPACITOR,ELECTROLYTIC	CE04W 16V 1000.00UFM *	C411-C412
5213322091	CAPACITOR,ELECTROLYTIC	CE04W 16V 22.00UFM T	C213
5213322191	CAPACITOR,ELECTROLYTIC	CE04W 16V 220.00UFM T	C248
5213347091	CAPACITOR,ELECTROLYTIC	CE04W 16V 47.00UFM T	C118,C120,C135
5213410191	CAPACITOR,ELECTROLYTIC	CE04W 25V 100.00UFM T	C409,C507
5213422212	CAPACITOR,ELECTROLYTIC	CE04W 25V 2200.00UFM *	C525
5213522201	CAPACITOR,ELECTROLYTIC	CE04W 35V 2200.00MFT *	C505
5213547112	CAPACITOR,ELECTROLYTIC	CE04W 35V 470.00UFM *	C410
5213601091	CAPACITOR,ELECTROLYTIC	CE04W 50V 1.00UFM T	C132,C910-C911
5213610091	CAPACITOR,ELECTROLYTIC	CE04W 50V 10.00UFM T	C114,C136,C255,C403-C404,C416
5213622991	CAPACTIOR,ELECTROLYTIC	CE04W 50V 2.20UFM T	C133,C419,SP09C-SP10C
5213647891	CAPACITOR,ELECTROLYTIC	CE04W 50V 0.47UFM T	C115
5213647991	CAPACTIOR,ELECTROLYTIC	CE04W 50V 4.70UFM T	C131,C141-C142,C203-C[illegible],C209-C212,C221-C224,C305-C306,C309-C310,C321-C322,C330-C331,C335-C338,C414-C415,C420-C421,C913
5222110291	CAPACITOR,POLYESTER	CQ92M 50V 1000.00PFJ T	C904
5222168391	CAPACITOR,POLYESTER	CQ92M 50V68000.00PFJ T	C325-C326
5222210391	CAPACITOR,POLYESTER	CQ92M 50V10000.00PFK T	C245-C246
5222210491	CAPACITOR,POLYESTER	CQ92M 50V 0.10MFK T	C413-C414,C526-C527
5222212291	CAPACITOR,POLYESTER	CQ92M 50V 1200.00PFK T	C319-C320
5222215391	CAPACITOR,POLYESTER	CQ92M 50V15000.00PFK T	C137-C138
5222218291	CAPACITOR,POLYESTER	CQ92M 50V 1800.00PFK T	C201-C202,C225-C226
5222222291	CAPACITOR,POLYESTER	CQ92M 50V 2200.00PFK T	C313-C314
5222222391	CAPACITOR,POLYESTER	CQ92M 50V22000.00PFK T	C207-C208,C231
5222227291	CAPACITOR,POLYESTER	CQ92M 50V 2700.00PFK T	C139-C140,C215-C216,C229
5222227391	CAPACITOR,POLYESTER	CQ92M 50V27000.00PFK T	C219-C220
5222247291	CAPACITOR,POLYESTER	CQ92M 50V 4700.00PFK T	C233
5222247391	CAPACITOR,POLYESTER	CQ92M 50V47000.00PFK T	C323-C324
5222268291	CAPACITOR,POLYESTER	CQ92M 50V 6800.00PFK T	C315-C316
5222282291	CAPACITOR,POLYESTER	CQ92M 50V 8200.00PFK T	C311-C312
5226110200	CAPACITOR,POLYSTYRENE	CQ08S 50V 1000.00PFJ	C134

5226112100	CAPACITOR,POLYSTYRENE	CQ08S 50V 120.00PFJ	C123
5226127100	CAPACITOR,POLYSTYRENE	CQ08S 50V 270.00PFJ	C124
5231356191	CAPACITOR,CERAMIC CK45	B DC 50V 560.00PFK T	C249-C250
5231510291	CAPACITOR,CERAMIC CK45	D DC 50V 1000.00PFM T	C105,C903
5231822391	CAPACITOR,CERAMIC CK45	F DC 50V22000.00PFZ T	C109,C111,C113,C117, C121-C122,C143,C501-C521-C524,C906-C907
5242205091	CAPACITOR,CERAMIC CC45	CH DC 50V 5.00PFC T	C112
5242218091	CAPACITOR,CERAMIC CC45	CH DC 50V 18.00PFJ T	C107
5242222091	CAPACITOR,CERAMIC CC45	CH DC 50V 22.00PFJ T	C106
5242227091	CAPACITOR,CERAMIC CC45	CH DC 50V 27.00PFJ T	C110
5247010191	CAPACITOR,CERAMIC CC45	SL DC 50V 100.00PFJ T	C116,C2-C3
5247022091	CAPACITOR,CERAMIC CC45	SL DC 50V 22.00PFJ T	C307-C308,C333-C334
5247033091	CAPACITOR,CERAMIC CC45	SL DC 50V 33.00PFJ T	C102-C103
5247039091	CAPACITOR,CERAMIC CC45	SL DC 50V 39.00PFJ T	C129
5247068091	CAPACITOR,CERAMIC CC45	SL DC 50V 68.00PFJ T	C125
5247104091	CAPACITOR,CERAMIC CC45	SL DC 50V 4.00PFC T	C130
5247105091	CAPACITOR,CERAMIC CC45	SL DC 50V 5.00PFC T	C104,C126
5247110091	CAPACITOR,CERAMIC CC45	SL DC 50V 10.00PFD T	C101
5247115191	CAPACITOR,CERAMIC CC45	SL DC 50V 150.00PFK T	C301-C302
5247118191	CAPCITOR,CERAMIC CC45	SL DC 50V 180.00PFK T	C251-C252,C901
5247122191	CAPACITOR,CERAMIC CC45	SL DC 50V 220.00PFK T	C303-C304
5247127191	CAPACITOR,CERAMIC CC45	SL DC 50V 270.00PFK T	C230
5247133191	CAPACITOR,CERAMIC CC45	SL DC 50V 330.00PFK T	C317-C318
5247139191	CAPACITOR,CERAMIC CC45	SL DC 50V 390.00PFK T	C238-C239

FILTER and CRYSTAL

5550102100	CERAMIC FILTER	SFU455B	Z102
5550105000	Ceramic Filter	SSFE10.7MA5-A	Z101

SWITCH

5054512940	SWITCH,TACT SPST KHH10902 ALPS	DC12V 50MA F=100GF H=4.3	S801-S810,S901
5554441400	TACT SWITCH	MV-6001-000	S401-S402
5554441500	Slide Switch	SS-44D01-M15	S301
5554441600	Slide Switch	SS-64D01-M15 (T)	S101
5554441700	Slide Switch	SS-22F16-M15 (L)	S202
5554441800	Push Switch	PS-22E01-G13S	S302
5554441900	Push Switch	PS-92D05-NS	S201

HOUSING and WIRE

5556521200	Wire Ass'y, W/ 5P Housing	UL2851/1007 #28/26 MS-71	P304
5556521301	Wire Ass'y, W/ 8P Housing	UL2008 #28 L=160mm NAD-5	CN5
5556521401	Wire Ass'y, W/ 8P Housing	UL20080 #28 L=170/180mm	CN6N4
5556524900	Wire Ass'y, W/6/7P Housing	UL1095 #28 L=220 SYS-285	CN3
5556524901	Wire Ass'y, W/5/3/2P Housing	UL1095 #28 L=200/300 SYS	CN16N7
5556524902	Wire Ass'y, W/ 3P Housing	UL1095 #28 L=250 SYS-285	CN2
5556524903	Wire Ass'y, W/ 7P Housing	UL1095 #28 L=200 SYS-285	CN12
5556524904	Wire Ass'y, W/ 8P Housing	UL1095 #28 L=300 SYS-285	CN14
5556524905	Wire Ass'y, W/ 8P Housing	UL1095 #28 L=200 SYS-285	CN10
5556524905	Wire Ass'y, W/ 8P Housing	UL1095 #28 L=200 SYS-285	CN11
5556524906	Wire Ass'y, W/ 3P Housing	UL2854 #28 L=300 SYS-285	CN19
5556900100	Wire Ass'y Para. 2P	UL2877 #26 7/0.16 L130mm	P802
5556900120	Wire Ass'y Para. 2P	UL2877 #26 7/0.16 L250MM	P901
5556900220	Wire Ass'y Para. 3P	UL2877 #26 7/0.16 L120mm	P401
5556900230	Wire Ass'y Para. 3P	UL2877 #26 7/0.16 L180mm	P303
5556900410	Wire Ass'y Para. 5P	UL2877 #26 7/0.16 L250mm	P701
5556900600	Wire Ass'y Para. 7P	UL2877 #26 7/0.16 L120mm	P302
5556900600	Wire Ass'y Para. 7P	UL2877 #26 7/0.16 L120mm	P801

	COIL and IFT			
5562300300	Coil, Spring		4.5X0.7X3.5T	L102
5562300310	Coil, Spring		5.0X0.7X3.5T	L101
5563109400	Choke Coil		22UH +-10%	R239
5563109700	Choke Coil		19.5mH +-10%	L202-L203
5564203021	RF COIL 2.5T (RED)		FE10C-2F6	L103
5564313800	LW Osc Coil		LM-3785	L104
5564313900	MW Osc Coil		LM-3784	L105
5564315000	Coil,OSC REC		CF-2846	L201
5565105500	AM IFT		LN-777	I104
5565105600	AM IFT		CH-2074	I102
5565204900	FM IFT		RM-8507	I101
5565205000	FM IFT		TE-1502	I103
	DIODE			
6611000800	DIODE,RECTIFIER	GIT	1N5401 100V 3.0A G	D501-D504
6611007230	DIODE,RECTIFIER	MOT	1N4002 100V 1.0A T=26MM	D204-D205,D521-D524
6613003030	DIODE,SWITCHING	ITT	1N4148	D102-D104,D2,D201-D203,
6614000400	DIODE VARICAP	HIT	1S2638 C=5.2-19.8PF Q≧5	D101
6615007900	DIODE,ZENER	HIT	HZ-11A-2 9.7-10.1V 0.5W	D505,D801
6615009757	DIODE,ZENER	HIT	HZ-6A-3 5.4-5.7V T=52MM	D901
6617000200	DIODE PHOTO	ELT	IR333 INFRARED RED EMIT	D1
6618009100	DIODE,LED	SEN	SE9411DH RED CLEAR	D105,D906
6618010900	DIODE,LED	SEN	SE9421D/LT5321-41 GREEN	D905
	TRANSISTOR			
6621011201	TR,NPN HF	NEC	2SC2001L	Q2,Q506
6621015332	TR,NPN HF	TSB	2SC1815-Y TPE2	Q104,Q201-Q205,Q207-Q208, Q301-Q308,Q505,Q801-Q808, Q902-Q906
6623002050	TR,PNP HF	TSB	2SA1015-Y TPE2 TAPING	Q1,Q206,Q209,Q309,Q522
6623006300	TR,PNP HF	TSB	2SA966-Y 30V 1.5A 0.9W	Q521
	IC			
6643000100	IC LINEAR C2MOS	TSB	TC9153AP DIP16	U401
6644006300	IC LINEAR	SAM	KA22471 FM IF/AM TUNER	Q102
6644006301	IC LINEAR	SAM	KA2263 FM ST MTPLX DECOD	Q103
6644006302	IC LINEAR	SAM	KA1222 2DUAL LO-NOISE AM	U202
6644006304	IC LINEAR	SAM	KA22241 DUAL AMP/W ALC	U201
6644006305	IC LINEAR	SAM	KA22495 FM FRONT END	Q101
6644011200	IC LINEAR	SYO	LA4282	Q401
6647013000	IC LSI	TSB	TC9149P DIP16 INFRARED R	U901
6647026800	IC LSI	PHI	TC9148P	IC1
	ASSEMBLY PARTS			
5090305077	Speaker,Box Ass'y		COMPO-265	
5090410112	Remote Transimtter		COMPO-265	
5556207100	Speaker Jack		CJ-9004	P301
5557101110	Turntable (Player)		DL-55	6S08
5557102100	CD-MECHANISM		KSL-2101ABM	B802
5557305800	Cassette Deck (AC 12V)		TN-21ZSW-445	6S07
	OTHERS			
5056711002	POWER CORD		VDE 42/0.15X2C 1.8M BLK	T500A
5550000500	Remote Sensor		NJH32H380	Q901
5551102800	LAMP		12V 150mA	P802
5551201200	LCD Display		UTN-H013JNH-2	P803
5553200600	CD Mechanism PCB Ass'y		PCB-2F	B802A
5556205000	CONNECTOR		CE-2	T500C
5556312410	6.4ϕ Jack		DTJ-0616-XB-G	P402
5561322700	Power Transformer		SF-66E/13B/16A/24A	T500
5563209500	Bar Ant . Ass'y		TENSAI-2550	L106

CD MAIN PCB PCB-2F ELECTRONIC PARTs LIST

PART_NO	DESCRIPTION	LOCATION
	IC	
00-0001-00	CXA1081M	IC1
00-0002-00	CXA1082BQ	IC2
00-0156-00	CDX1167Q	IC3
00-0122-00	CXP1011Q or CXP5086H-544Q	IC5
00-0011-01	TA7256P or LA6510 or KA9256	IC7
00-0026-05	M5290P7Q	IC8
00-0023-03	UPC4885C or BA4558	IC9
00-0019-02	LC7881C or KDA0316LN	IC10
	TRANSISTOR	
01-0012-02	2SB1133R or 2SB1375 or 2SB1133S or 2SB1370F or 2SB834Y	Q1
01-0013-02	2SD1666Q or 2SD1666 or 2SD2012 or 2SD880Y or 2SD2061F	Q2
01-0106-02	2SB1013 or 2SB926S or 2SB1426Q	Q3
01-0107-03	BN1L3Z-Q or DTA143TS	Q4
01-0108-05	2SK381B	Q10, Q11
01-0109-03	BA1L3Z-Q or DTC143TS	Q12, Q13, Q5, Q6, Q7, Q8, Q9
01-0036-01	2SC2655Y or 2SD1207S or 2SD2069Q or 2SD1207T or KSA2328A	Q101, Q105
01-0038-01	2SA1020Y or 2SB892S or 2SB1374Q or 2SB892T or KSA928A	Q102, Q106
01-0058-03	2SC2001L or 2SC2001K	Q103
01-0037-03	2SA952K or 2SA952L	Q104
	DIODE	
02-0001-01	1N4148	D200, D201, D202, D203, D205
02-0000-03	1N4001	D101, D102, D103, D104
	CRYATAL	
04-0005-00	CRYSTAL, 16.9346MHz	X1
	CERAMIC CAPACITOR	
07-1015-48	15 pF 50V J NPO	C138, C139
07-1027-48	27 pF 50V J NPO	C143, C144
07-0168-44	680 pF 50V K	C134, C135
07-0210-44	0.001 uF 50V K	C114, C124
07-0222-20	0.0022 uF 16V M	C117,C126
07-0247-20	0.0047 uF 16V M	C112,C119
07-0310-20	0.01 uF 16V M	C123
07-0322-20	0.022 uF 16V M	C210
	POLYSTER CAPACITOR	
07-3322-48	0.022 uF 50V J	C147
07-3333-48	0.033 uF 50V J	C115, C120, C122
07-3347-48	0.047 uF 50V J	C110
07-3368-48	0.068 uF 50V J	C141
07-3410-48	0.1 uF 50V J	C106, C108, C111
07-3247-48	0.0047 uF 50V J	C132, C133

ELECTROLYTIC CAPACITOR

07-2447-40	0.47 uF 50V M	C103, C116, C118
07-2510-40	1 uF 50V M	C130, C131, C146
07-2533-40	3.3 uF 50V M	C109, C250
07-2547-40	4.7 uF 50V M	C128, C129, C145
07-2610-40	10 uF 50V M	C107, C142
07-2633-04	33 uF 6.3V M	C202
07-2710-10	100 uF 10V M	C113, C104, C105, C121, C125 C127, C136, C137, C140, C148 C203
07-2822-20	2200 uF 16V M	C101, C102

CARBON FILM RESISTOR 1/8W J

08-0091-10	91 OHM	R133
08-0122-10	220 OHM	R136, R137
08-0210-10	1K OHM	R200, R201
08-0222-10	2K2 OHM	R150, R208
08-0233-10	3K3 OHM	R144, R145
08-0239-10	3K9 OHM	R117
08-0268-10	6K8 OHM	R146,R147
08-0282-10	8K2 OHM	R104, R120
08-0310-10	10K OHM	R103, R115, R127, R134, R135 R157, R216
08-0247-10	4K7 OHM	R114, R123, R124, R125, R148 R149
08-0311-10	11K OHM	R120
08-0320-10	20K OHM	R205, R206, R207, R118
08-0322-10	22K OHM	R154, R155, R156, R158, R202 R203, R204
08-0324-10	24K OHM	R131
08-0333-10	33K OHM	R109
08-0362-10	62K OHM	R140, R141
08-0368-10	68K OHM	R217, R218
08-0382-10	82K OHM	R121, R122, R138, R139
08-0391-10	91K OHM	R120, R123
08-0410-10	100K OHM	R106, R113, R114, R128, R142 R143, R151, R111
08-0412-10	120K OHM	R105, R106
08-0422-10	220K OHM	R126
08-0418-10	180K OHM	R110
08-0451-10	510K OHM	R112
08-0510-10	1M OHM	R119

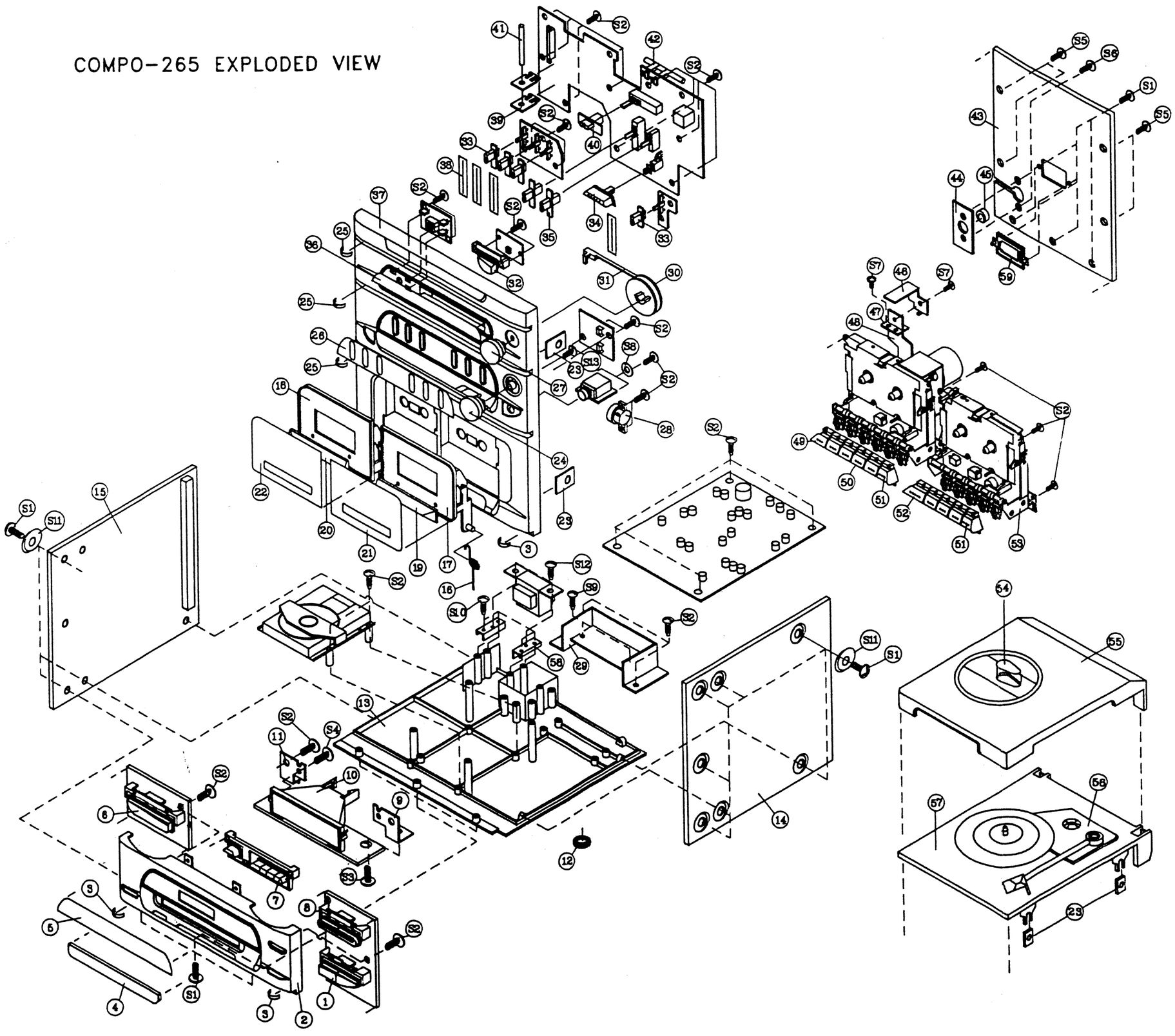
CARBON FILM RESISTOR 1/4W J

08-0022-20	22 OHM	R132

OTHERs

19-0010-03	2P B2B-PH-K-S (J.S.T.)	CN7
19-0012-03	3P B3B-PH-K-S (J.S.T.)	CN1, CN2, CN9, CN16, CN19
19-0014-03	4P B4B-PH-K-S (J.S.T.)	CN4, CN13
19-0015-03	4P B4B-PH-K-R (J.S.T.) (RED)	CN6
19-0013-03	4P B4B-EH-A (J.S.T.)	CN8
19-0040-03	7P B7B-PH-K-S (J.S.T.)	CN12, CN3
19-0041-03	8P B8B-PH-K-S (J.S.T.)	CN10, CN11, CN14
19-0018-03	8P S8B-PH-K-S (J.S.T.)	CN5
19-0007-00	WIRE HARNESS 20mm CN#11	FOR CN8 REPLACEMENT
20-0004-01	POTENTIOMETER 1KB EVM-4LGA00B13	RV101
20-0006-01	POTENTIOMETER 200KB EVN-D8AA03B25	RV102
20-0005-01	POTENTIOMETER 20KB EVN-D8AA03B24	RV103, RV104, RV105

COMPO-265 EXPLODED VIEW



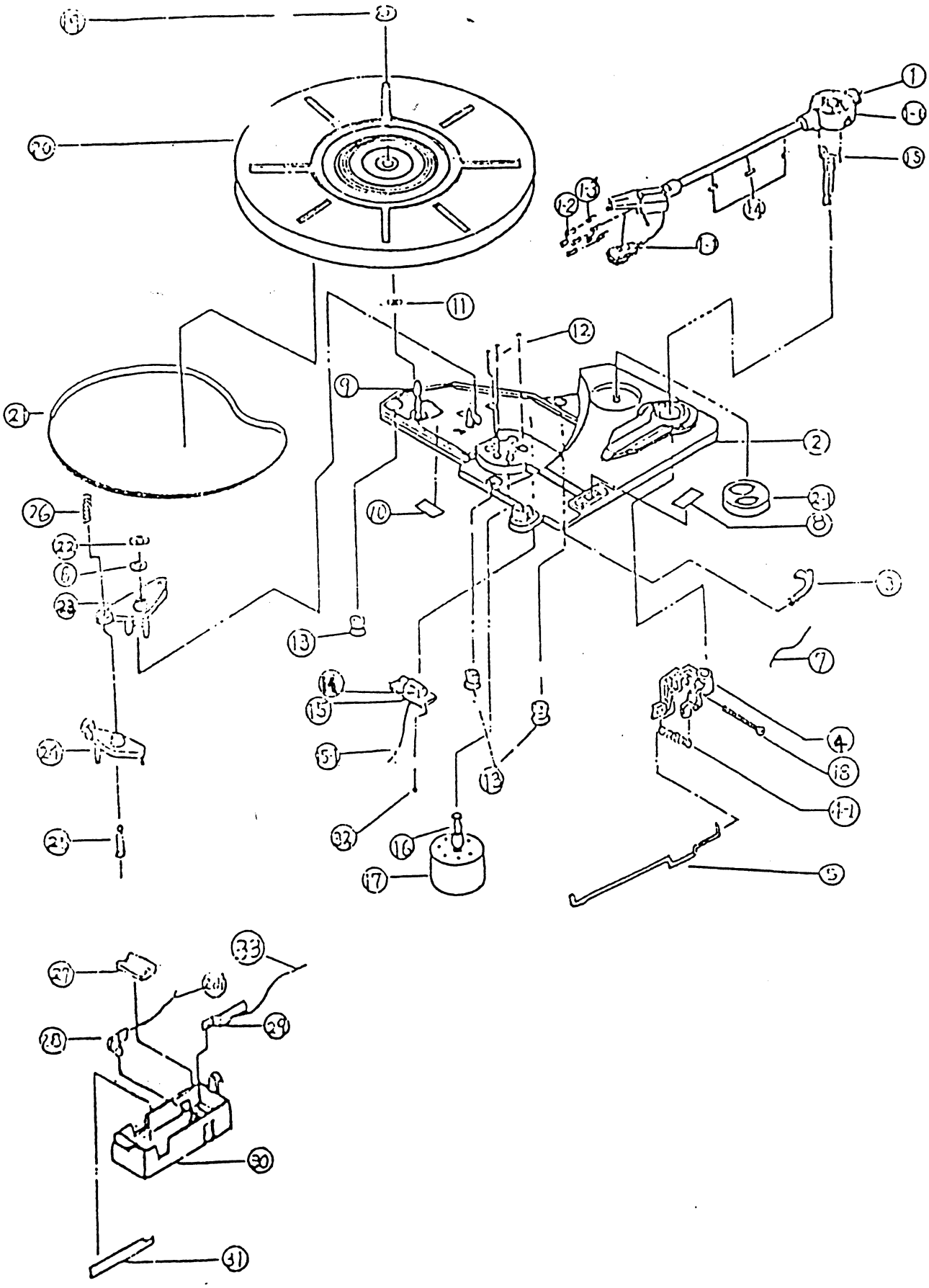
CABINET PARTS LIST

NO.	PARTS NO.	DESCRIPTION	Q'TY
1	5541550200	SEARCH KNOB	1
2	5541309700	CD FRONT PANEL	1
3	5541614510	AL DECO (L)	4
4	5542236500	CD DOOR	1
5	5542236400	CD WINDOW	1
6	5541550300	OPEN/CLOSE KNOB	1
7	5541550600	CD MEMORY KNOB	1
8	5541550100	SKIP KNOB	1
9	5547046700	PCB BRACKET R	1
10	5542232600	LAMP COVER	1
11	5547046710	PCB BRACKET L	1
12	5547803400	FOOT (RUBBER)	2
13	5542236100	CHASSIS	1
14	5541804301	SIDE BOARD R	1
15	5541804302	SIDE BOARD L	1
16	5546324600	CASS SPRING	2
17	5542251800	CASS COVER R	1
18	5542251810	CASS COVER L	1
19	5542236630	CASS COVER PLATE R	1
20	5542236620	CASS COVER PLATE L	1
21	5542261100	COVER WINDOW R	1
22	5542261110	COVER WINDOW L	1
23	5547040200	CABINET HOLDER	10
24	5541552200	VOLUME KNOB	1
25	5541614310	FOOT DECO	6
26	5542236300	EQ WINDOW	1
27	5541552300	TUNING KNOB	1
28	5542230610	DAMPER GEAR	2
29	5545309500	HEAT SINK (10W)	1
30	5547611900	DRUM	1
31	5547612000	POINTER	1
32	5541549300	POWER KNOB	1
33	5541549400	EQ KNOB	4
34	5541549600	MAGIC BASS KNOB	1
35	5541549500	DUBBING KNOB	2
36	5542236230	TUNER WINDOW	1
37	5541309510	FRONT PANEL	1
38	5542006310	HEMELON	4
39	5547040500	REC BAR GUIDE	2
40	5541549700	BAND KNOB	1

CABINET PARTS LIST

NO.	PARTS NO.	DESCRIPTION	Q'TY
41	5547040420	REC BAR	1
42	5542230400	ANT HOLDER	2
43	5541804220	BACK BOARD	1
44	5547040000	CORD HOLDER (METAL)	1
45	5547501200	BUSHING POWER CORD	1
46	5547039900	REC SPRING PLATE	1
47	5547040100	REC LEVER GUIDE	1
48	5547040300	REC LEVER	1
49	5541549900	DECK KNOB R	1
50	5541549810	DECK KNOB	7
51	5541549910	DECK KNOB P	2
52	5541549800	DECK KNOB L	1
53	5557305800	CASSETTE DECK (AC 12V)	1
54	5547531810	PLAYER COVER DECO	1
55	5541701600	PLAYER COVER	1
56	5557101110	TURNTABLE (PLAYER)	1
57	5541214300	PLAYER CHASSIS	1
58	5547043800	TRANS BRACKET	2
59	5547040800	JACK RETAINER	1
S1	7000305036	TAPPING SCREW WITH WASHER M3*12 (BLACK)	24
S2	7134161482	TAPPING SCREW P TYPE M3*10	56
S3	7001171112	MACHINE SCREW M3*8	2
S4	7036121152	TAPPING SCREW P TYPE M2.5*8	2
S5	7190552001	WOODEN SCREW WITH WASHER M3*12 (BLACK)	4
S6	7000311016	MACHINE SCREW WITH WASHER M3*8 (BLACK)	2
S7	7131070252	TAPPING SCREW M2*4	3
S8	7096250002	WASHER 4ø	4
S9	7134161452	TAPPING SCREW S TYPE M3*10	4
S10	7132251682	TAPPING SCREW P TYPE M4*12	4
S11	7096250006	WASHER 4ø (BLACK)	14
S12	7001260612	MACHINE SCREW M4*6	2
S13	7132161182	TAPPING SCREW WITH WASHER M3*8 P TYPE	1

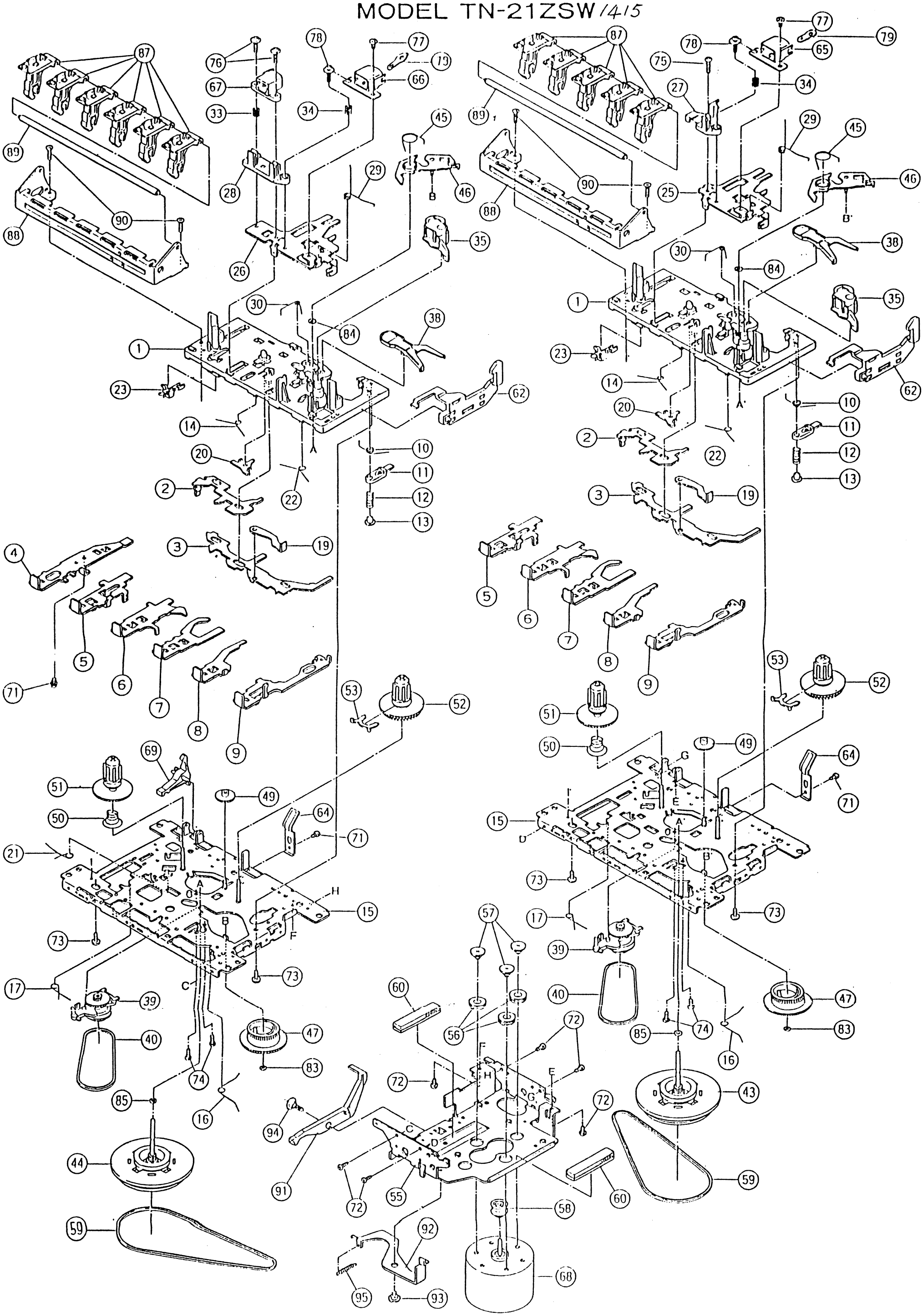
TURNTABLE EXPLODED VIEW



TURNTABLE PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY/SET	PRC/UNIT
21	BE1280505B	BELT	1	
16	BH95P	PULLEY MOTOR	1	
22	CSB73	3MM CS RING	1	
19	ERE76	6MM E RING	1	
7	E37-1	TIE	1	
17	ME6T2RWT	MOTOR	1	
8	PVC655IP101	PVC	1	
10	SA207-1	LABEL	1	
32	SC0303RBZI	SCREW	1	
12	SC2607RINI	SCREW	3	
2-1	SK22-01	45RPM ADAPTER	1	
20	SK52-03	PLATTER	1	
13	SM306-02	RUBBER	3	
2	SM41-08	CHASSIS	1	
3	SPB36-1	ARM CLIP	1	
5	SP451101	LEVER	1	
6	WS085225P	WASHER	1	
11	WS127705P	WASHER	1	
9	SM55-P(OUTOP)	SPINDLE	1	
	PA1402110D			
1-1	CR300-10	CARTRIDGE	1	
1-2	E145-1	TUBE	4	
1	PA1402110D	TONEARM ASS'Y	1	
1-4	PT12010ULB	TUBE	3	
1-7	SB5-1	ARM WIRE (WHITE)	1	
1-8	SB5-2	ARM WIRE (RED)	1	
1-9	SB5-3	ARM WIRE (GREEN)	1	
1-10	SB5-4	ARM WIRE (BLUE)	1	
1-6	SM11-05	TONEARM COVER	1	
1-5	SM30-03	ARM SHAFT	1	
1-3	TE10100	TERMINAL	4	
	TWP5302403			
4	P5302403	LENR RETURN	1	
18	SC0320RIZI	SCREW	1	
4-1	SP5302401	SPRING	1	
	TWP5302403	RETURN LINK ASUS.0153	1	
	TWSP1211			
25	SP108-1A	BRASS	1	
23	SP121	AUTO STOP ACCESSPRY	1	
24	SP123	AUTO STOP ACCESSORY	1	
26	SP5414001	SPRING	1	
	TWSP1211	AUTO STOP ASS'Y	1	
	TWSP21010			
14	BHK45	CONNECTOR	1	
15	PC838HL	P.C. BOARD	1	
30	SP21	SWITCH ASSEMBLY	1	
27	SP21-1	SWITCH ASSEMBLY	1	
29	SP21-3	SOLDER PLATE SWITCH	1	
31	SP21-4	SOLDER PLATE SWITCH	1	
28	SP21-5	SOLDER PLATE SWITCH	1	
15-1	WCB7	WIRE	1	
33	WCR10	WIRE	1	
28-1	WCR7	WIRE	1	

MODEL TN-21ZSW/415



PARTS LIST MODEL TN-21ZSW1415

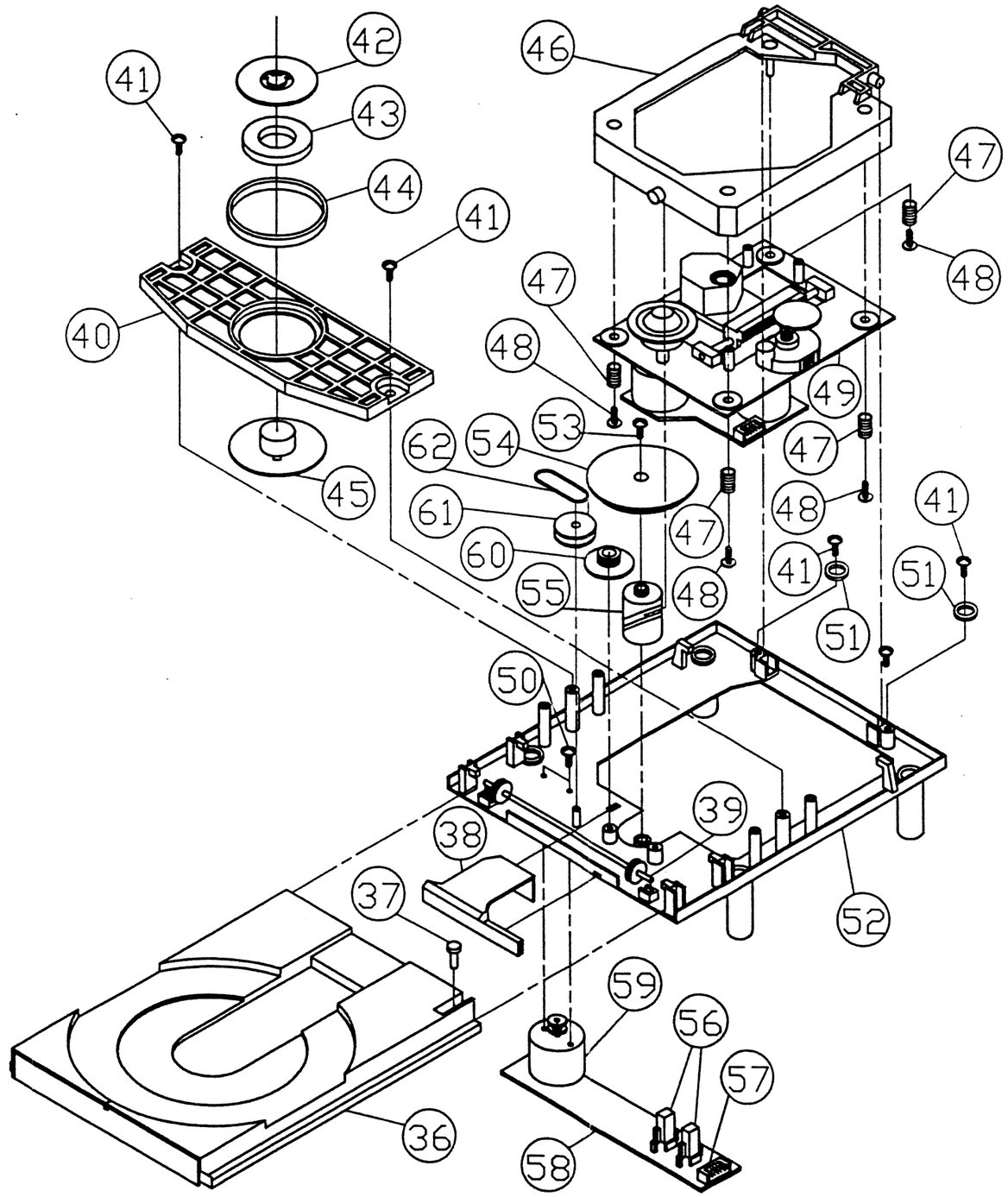
NO.	PARTS NAME	DESCRIPTION	Q'TY
1	BASE ASS'Y	1921 14 301	2
2	SWITCH ACTUATOR	1921 14 09	2
3	PUSH BUTTON ACTUATOR	1921 14 08	2
4	REC BUTTON LEVER	1921 14 22	1
5	PLAY BUTTON LEVER	1921 14 23	2
6	REW BUTTON LEVER	1921 14 24	2
7	FF BUTTON LEVER	1921 14 25	2
8	STOP BUTTON LEVER	1921 14 26	2
9	PAUSE BUTTON LEVER	1921 14 27	2
10	P CONTROL SPRING	1921 14 13	2
11	PAUSE LEVER	1921 14 10	2
12	PAUSE LEVER SPRING	1921 14 12	2
13	PAUSE STOPPER	1921 14 11	2
14	BUTTON LEVER SPRING (A)	1921 14 14	2
15	CHASSIS ASS'Y	1921 01 501	2
16	E ACTUATOR SPRING	1921 14 16	2
17	P.S. LEVER SPRING	1921 14 17	2
18			
19	E KICK LEVER	1821 01 159	2
20	PR STOPPER	1921 14 20	2
21	REC BUTTON LEVER SPRING	1921 14 21	1
22	BUTTON LEVER SPRING (B)	1921 14 15	2
23	LEAF SWITCH MSW-1541T	6401 01 149	2
24			
25	HEAD PANEL	1921 03 01	1
26	HEAD PANEL	1921 03 02	1
27	HEAD BASE	1921 03 04	1
28	HEAD BASE	1921 03 06	1
29	PANEL P SPRING	1921 03 03	2
30	M CONTROL SPRING	1921 14 18	2
31			
32			
33	EH SPRING	1821 03 08	1
34	AZIMUTH SPRING	1821 03 07	2
35	PINCH ROLLER ARM ASS'Y	1921 04 301	2
36			
37			
38	SENSING LEVER	1921 26 04	2
39	RF CLUTCH ASS'Y	1921 07 302	2
40	RF BELT	1921 07 03	2
41			
42			
43	FLYWHEEL ASS'Y	1921 09 304	1
44	FLYWHEEL ASS'Y	1921 09 303	1
45	GEAR PLATE SPRING	1921 26 05	2
46	GEAR PLATE ASS'Y	1921 26 501	2
47	CAM GEAR	1921 26 02	2
48			
49	FF GEAR	1821 10 70	2
50	BACK TENSION SPRING	1829 10 10	2

NO.	PARTS NAME	DESCRIPTION	Q'TY
51	SUPPLY REEL ASS'Y	1921 05 302	2
52	TAKE UP REEL ASS'Y	1921 05 301	2
53	SENSER	1921 05 06	2
54			
55	MOTOR BRACKET	1921 12 11	1
56	MOTOR RUBBER	1820 13 06	3
57	MOTOR COLLER SCREW	1921 12 02	3
58	MOTOR PULLEY	1921 12 13	1
59	MAIN BELT	1821 12 21	2
60	ANTI VIBRATION FELT MAT	1921 12 12	2
61			
62	EJECT SLIDE LEVER	1921 13 02	2
63			
64	PACK SPRING	1829 10 01	2
65	P.HEAD	TC-820B	1
66	R.P. HEAD	TC-821B	1
67	E HEAD	TC-2131	1
68	MOTOR	EG-530YD-2BH	1
69	RECORD SAFETY LEVER	1821 10 69	1
70			
71	C TAPPING SCREW M2x3	9179 00 00	3
72	C TAPPING SCREW M2*4	9180 00 00	6
73	P TAPPING SCREW M2x5	9679 00 00	4
74	TAPPING SCREW M2x4.5	9999 18 09	4
75	SCREW M2x6	9004 00 00	1
76	⊕⊖ CAP SCREW M2*3	9821 00 00	2
77			
78	AZIMUTH SCREW M2x7	9922 00 00	2
79	B3 LUG	9480 00 00	2
80			
81			
82			
83	P WASHER CUT 1.2x3.8x0.3	9422 00 00	2
84	P WASHER CUT 1.45x3.8x0.5	9999 03 13	2
85	P WASHER 2x3.5x0.3	9786 00 00	2
86	E RING S3.2	9506 00 00	2
87	OPERATION LEVER	1821 31 07	1
88	BUTTON FRAME (S)	1821 31 06	2
89	BUTTON LEVER SHAFT	1829 31 03	2
90	S TAPPING SCREW M2x8	9999 14 02	4
91	P KICK LEVER (B)	1921 12 09	1
92	P KICK LEVER (A)	1821 12 68	1
93	PK COLLER SCREW (A)	1821 12 23	1
94			
95	P KICK LEVER SPRING	1821 12 25	1
96			
97			
98			
99			
100			

KSM-2101ABM SERVICE PARTS

CLASSIFICATION
D:SUPPLIED
U:NOT SUPPLIED

NO	PART NO	DESCROPTION	Q'TY	CLASSIFICATION	
				REC	USER
63	2-625-464-(01)	SHAFT (S), SLED	1	D	
64	2-625-538-(01)	INSULATOR (S)	4	D	
65	2-641-386-(01)	SCREW (2X5), TAPPING (S)	3	D	
66	2-625-625-(01)	REINFORCEMENT(S)	1	D	
67	2-625-465-(01)	SPRING (S) COMPRESSION	1	D	
68	2-625-477-(01)	RING (LD) (S),CENTER	1	D	
69	8-848-127-(31)	PICK UP KSS-210A (S) (RP)	1	D	
70	2-625-462-(01)	GEAR (A) (S)	1	D	
71	X-2625-133-(2)	CHASSIS A'SSY (MB), TT WITH DISC MOTOR & TABLE	1	D	
72	X-2625-132-(1)	GEAR A'SSY (MB), MOTOR	1	D	
73	1-639-678-(12)	PC BOARD, MOTOR (GP) (S)	1	D	
74	1-572-085-(12)	SWITCH LEAF	1	D	
75	1-564-722-(11)	PIN CONNECTOR GP	1	D	
76	7-621-255-(15)	SCREW +P 2X3	2	U	


42
41
43
44
41
46
47
48
40
47
48
49
53
62
54
47
45
61
48
41
60
55
48
41
51
51
50
39
38
52
37
59
56
57
36
58

KSL-2101ABM SERVICE PARTS

CLASSIFICATION
D:SUPPLIED
U:NOT SUPPLIED

NO	PART NO	DESCRIPTION	Q'TY	CLASSIFICATION	
				RPC	USER
36	2-626-009-(01)	TRAY (G)	1	D	
37	THIS PART DOESN'T BELONG TO THE TRAY TAKE IT DOWN FROM OLD TRAY AND USE AGAIN WHEN CHANGING THE TRAY				
38	2-626-006-(01)	COVER (G), GEAR	1	D	
39	2-625-998-(01)	GEAR (G), TRAY	1	D	
40	2-626-004-(01)	PLATE (G) CHUCKING	1	D	
41	3-319-501-(11)	SCREW +PTPWH 2.6X8	4	D	
42	2-625-537-(01)	YOKE (S),CHUCKING	1	D	
43	1-452-493-(21)	MAGNET	1	D	
44	2-625-541-(01)	DAMPER (S)	1	D	
45	2-626-002-(01)	PULLEY (G),CHUCKING	1	D	
46	X-2625-379-(01)	CHASSIS A'SSY (G),SUB	1	D	
47	2-625-539-(01)	SPRING (S)	4	D	
48	2-644-410-(02)	WASHER BASED SCREW	4	D	
49	KSM-2101ABM	DRIVE UNIT	1	U	
50	2-625-279-(01)	SCREW +B2.6X2.5	2	U	
51	3-464-123-(02)	SPACER	2	U	
52	2-626-010-(01)	CHASSIS (G),OUTSERT MAIN	1	U	
53	3-319-501-(51)	SCREW +PTPWH 2.6X16	1	U	
54	2-626-003-(01)	GEAR (G),DRIVE	1	D	
55	2-626-005-(01)	CAM (G),CONTROL	1	D	
56	1-572-086-(11)	SWITCH,LEAF	2	D	
57	1-564-721-(11)	PIN,CONNECTOR 5P	1	D	
58	1-640-523-(11)	PC BOARD,LOADING	1	D	
59	X-2625-117-(1)	MOTOR A'SSY,LOADING	1	D	
60	2-625-999-(01)	GEAR(G),MIDWAY	1	D	
61	2-625-997-(01)	PULLEY (G),LADING	1	D	
62	3-653-387-(01)	BELT,LM	1	D	